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# Furman

SUMMER 2004



WHAT'S AROUND THE CORNER: A NEW STRATEGIC PLAN

**FURMAN MAGAZINE**  
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# Furman

Summer 2004

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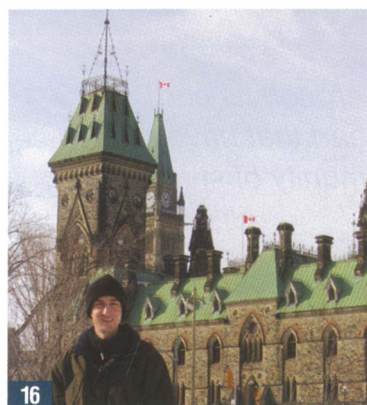
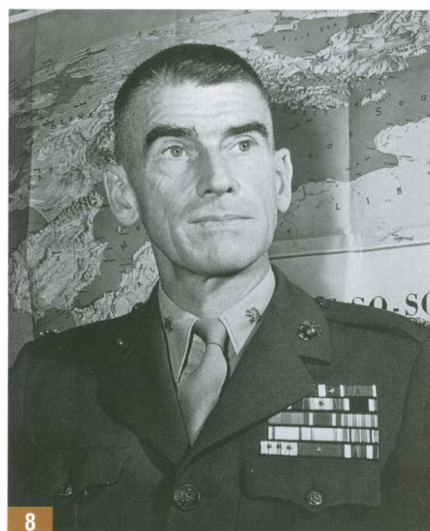
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#### ON THE COVER:

A scene from the Furman Theatre's spring 2004 production of *Playboy of the Western World*. Photo by Charlie Register





# Engaging the Future

BY TOM KAZEE

FURMAN'S NEW STRATEGIC PLAN FOCUSES ON INVIGORATING THE ACADEMIC CLIMATE ON CAMPUS.

*"Furman intends through its curricular and co-curricular programming to cultivate habits of the mind and heart that have at their core intellectual energy and curiosity and to nurture and create a community of students, faculty, and staff committed to the life of the mind."*

With that sentence as premise, the architects of Furman's new strategic plan, approved unanimously in May by the faculty and the board of trustees, introduce an ambitious set of goals for the university's near-term future. The plan, titled "Engaging the Future: A New Strategic Plan for Furman," aims to refocus the energy of the university on a fundamental academic mission: to educate undergraduates in an environment animated by intellectual excitement, curiosity and commitment to lifelong learning.

Even as the faculty, staff and students who worked on the plan recognized the excellence and quality of our existing programs, their conclusion was that we can enrich the ways in which we engage students intellectually. We can, in short, build on our manifest strengths to make intellectual vigor a pervasive and exciting characteristic of a Furman education — both inside and outside the classroom.

## BUILDING THE PLAN

To achieve its goal, Furman must first take stock of where it has been and where it thinks it is headed. There is no better place to begin such an assessment than by looking at the existing strategic plan — which is, for any university, its most recent effort to define itself and its goals.

"Furman 2001" was developed in the mid-1990s and has shaped, in important ways, the university's direction during most of the last decade. It established "engaged learning" as the centerpiece of the Furman experience and made the university a leader in what is now an often-emulated emphasis on extending learning beyond the classroom.

"Furman 2001" also emphasized more attention to student-faculty collaborative research, internships, study abroad, and other forms of academic enrichment that would make our students' educational experience one of distinctive





quality. We created the Christian A. Johnson Center for Engaged Learning to introduce and coordinate more engaged approaches to learning for faculty and students. Other key goals included building the endowment, increasing applications for admission, raising alumni support for the annual fund, enhancing faculty compensation, and increasing the diversity of the student body.

Yet strategic plans, even those that succeed in building new programs and advancing an institution's long-term goals, must be re-evaluated periodically. To what extent does a changing academic and resource landscape require a university to rethink its direction or refocus its energies? Although we may be convinced that a liberal education, in the abstract, is unparalleled as a way to prepare students for the challenges of life after Furman, how closely does a Furman education approximate the liberal ideal? Only through the intense self-scrutiny of a strategic planning process can these questions be addressed and new strategic directions realized.

To this end, President David Shi, drawing on the model used to develop "Furman 2001," formed in the fall of 2003 eight working groups and charged them with identifying goals in their areas and suggesting strategies to achieve them. The working groups, consisting of faculty, staff, students and alumni, focused on a range of topics, from academics to student development and community relations. They raised questions, gathered data, evaluated various proposals, and eventually prepared points of strategic emphasis. They shared their reports with the Strategic Planning Steering Committee (composed primarily of representatives of the

working groups) and with the entire faculty several times during the year.

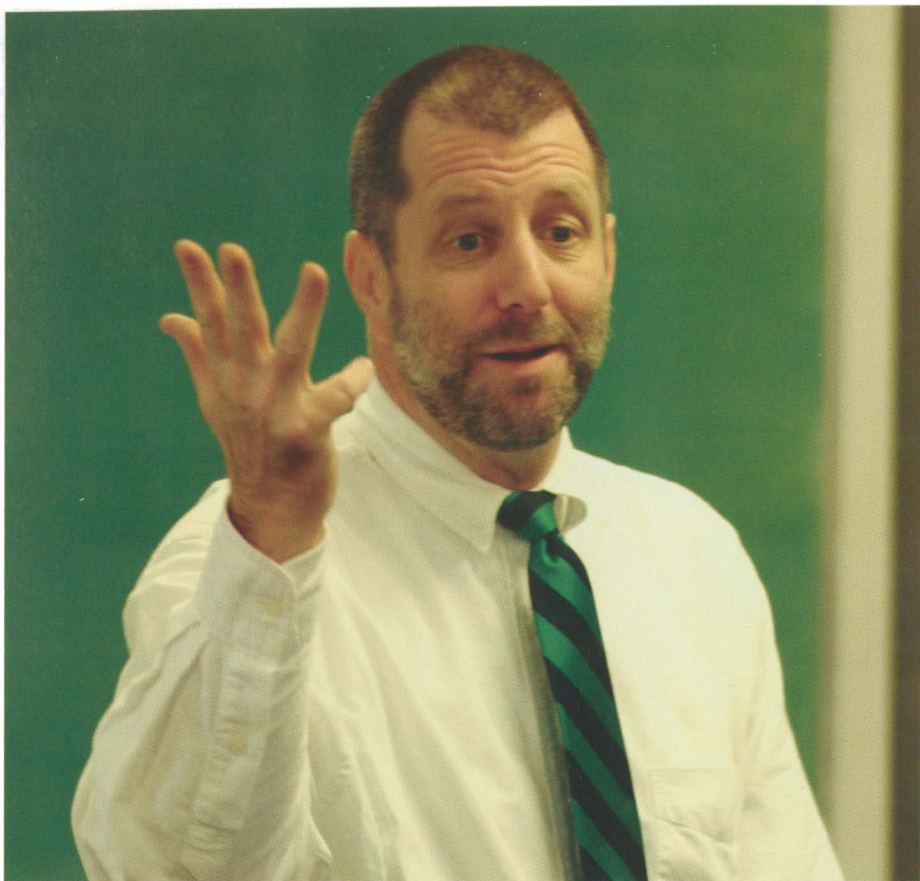
It soon became clear that consensus around a major goal had formed: to "enhance the academic program so as to cultivate greater intellectual excitement." Although "Engaging the Future," as the plan came to be called, includes an array of strategic initiatives in many areas of campus life (see accompanying story), its central focus is the creation and sustenance of an intellectual community of unusual vigor and commitment.

## ASSESSING THE CURRICULUM

The Academic Program Working Group, which I co-chaired with James C. Edwards, chair of the Department of Philosophy, was responsible for assessing the university's academic environment and recommending strategic goals to enrich it. The group met weekly and quickly became a hothouse for stimulating discussions about Furman's academic soul — a rich mix of opinions, ruminations, arguments and, in the end, proposals for how to enrich the intellectual experience at Furman.

The group consisted of faculty from all of the major academic divisions, plus a rookie academic dean who could share experiences from several other outstanding liberal arts colleges that have wrestled with similar questions. We read widely and diversely, trying both to understand better what Furman is doing and what others outside the university have said about liberal education, curricular design and the nature of the undergraduate student experience.

As our conversations progressed, it became abundantly



clear that our critical first step should be a careful assessment of Furman's curriculum. Although several groups had examined aspects of the curriculum in the past decade, a comprehensive, exhaustive review had not been conducted for many years.

Often percolating to the surface of our conversations about curriculum was concern about Furman's existing General Education Requirements. The "GERs," as they are known, require all students to complete a set of core courses in fine arts, humanities, mathematics and natural sciences, and social sciences. GERs, as the Furman catalogue states, enable students to "acquire the breadth in educational experience which characterizes liberal education, develop intellectual discipline, discover their interests and build a foundation for specialization."

This is a daunting set of objectives. To achieve them, about half of the courses taken by a typical student to satisfy graduation requirements are GER courses. Unfortunately, after meeting GER requirements and requirements in a major field of study, students' opportunities for intellectual exploration, a key characteristic of liberal education, are limited. The working group soon became convinced that in reviewing the curriculum, we needed to re-evaluate the GERs.

As the group mulled the challenges of curricular reassessment, it bumped regularly into an issue that is inextricably linked to any discussion of Furman's academic environment: our unusual academic calendar. The three-term system — with two 12-week "wing" terms and a winter term of approximately seven weeks — produces

both advantages and disadvantages for students and faculty, and is a frequent topic of conversation among both groups. Although the working group reached no consensus about the advisability of keeping or revamping the current calendar, it agreed emphatically that an evaluation of curriculum should include explicit consideration of the costs and benefits of our calendar and of calendars used by other outstanding liberal arts colleges. We might consider, for example, a traditional two-semester system, or some variation on the "4-1-4" theme.

The Academic Program Working Group thus recommended that a fundamental element of the new strategic plan should be the creation of a Curricular Review Committee (CRC). This committee would be charged to conduct a comprehensive review of curriculum, including assessment of the General Education Requirements and the academic calendar. The CRC, led by Aristide Tessitore, professor of political science, has already begun its work.

## THE STUDENT EXPERIENCE

The intense engagement of the academic group in addressing questions related to curriculum and the academic community dovetailed with the work of several other groups focusing on similar concerns. As we shared information with the groups examining engaged learning and information technology, for example, a common concern emerged about the trajectories students follow from matriculation to graduation.

We know that at the beginning of their Furman experience, students arrive on campus excited about joining





an intellectual community, but we worry that this excitement is muted by a focus on “checking the boxes” of their academic requirements. In other words, to satisfy the GERS many first-year students gravitate to introductory courses that are often lecture-based and include larger numbers of students than in a typical Furman class. Too often lacking for first-year students is the stimulation of a small seminar class that focuses on a topic of particular interest to the student and professor and links in-class experiences to external issues and themes. The goal of first-year seminars would thus be to cultivate “habits of the mind and heart” promised by a liberal arts education.

The working groups wrestled as well with the challenge of forging an integrative perspective in our students, especially during the senior year. What has four years of engagement with material from a rich array of academic disciplines produced — a fragmented, compartmentalized understanding of the world, or a nuanced, integrated worldview that appreciates diversity and the interrelationships of ideas? Perhaps a senior-year capstone experience would help students develop this kind of integrative understanding. Through the application of new technologies, such as the development of so-called “e-portfolios,” students would be encouraged to weave together the seemingly disparate elements of their undergraduate experience — while acquiring important technological skills.

Moreover, these conversations, rich with possibility, produced recommendations about “information fluency” and how we might better ensure that students develop it. We are awash in information, virtually inundated with data,



CHARLIE REGISTER

claims, counterclaims and material from a plethora of media sources — all accessible in ways not imagined a generation ago. Our students need to develop a better understanding of how to acquire important and relevant information, and to be able to discern which information is valuable and accurate and which obfuscates or misleads.

“Engaging the Future” thus charges the university to consider creating a first-year seminar, require senior capstone courses, develop an e-portfolio pilot program, and provide ways to enrich information fluency skills through the curriculum.

## FACULTY AND LEARNING

As the strategic planning groups raised curricular and related academic issues, our conversation turned to faculty development. How can we support the faculty so that they might better create intellectually stimulating environments in and out of the classroom?

The Johnson Center for Engaged Learning and the Center for Collaborative Learning and Communication were, in part, designed to help meet this need. We have not, however, created an institutional structure explicitly to work with faculty interested in honing teaching skills, exploring new pedagogies, addressing questions related to instructional technologies and, in general, identifying ways of enabling faculty to better fulfill their potential as teachers and scholars in an environment committed to engaged learning. We have allocated substantial resources to these tasks, but our strategic planning conversations focused on better aligning those resources to meet specific faculty needs.





CHARLIE REGISTER

An important strategic initiative in our new plan, therefore, is to design a Center for Teaching and Learning. Such a center can do much to animate faculty intellectual activity and collaboration, which is fundamental to the intellectual community envisaged in “Engaging the Future.”

Impetus for the creation of a Center for Teaching and Learning came in part from faculty and staff anxious to see information technology more effectively support our faculty and students. Information technology has become an integral part of the college experience; it is instrumental to what we do in our classrooms, residence halls, offices and libraries. Even faculty who consider themselves pedagogical traditionalists have come to expect a high level of technological support for their collaborative activities, and a large number of their colleagues now routinely use projection systems, Internet connections and wireless capabilities — innovations that would have been considered novel or unusual just a decade ago.

No longer can we assume that support for the use of instructional technology, not to mention innovation, can come from an institutional structure built primarily to support administrative computing or to offer academic support only for a subset of faculty users. We must be thoughtful and intentional about building the infrastructure and finding and supporting a staff that can help Furman to more fully exploit technology as a teaching and learning resource.

Our new strategic plan thus lays out explicit information technology goals designed to create and sustain learning environments appropriate to a leading national liberal arts



CHARLIE REGISTER

university. “Engaging the Future” commits us, for example, to “implement software and hardware to enhance collaboration among students, faculty, and the larger community.” Collaboration is a critical need for faculty and students in an academic world that has become increasingly learner-centric (as opposed to teacher-centric). We need, moreover, to better enable the exploration of existing and emerging technologies, and to ensure that all teaching and learning spaces are appropriately equipped. In this vein, Furman is already committed to improving and expanding our campus wired and wireless networks and to increasing the number of academic computing specialists with high level, discipline-specific skills.

Of critical importance for our students and faculty is the strategic commitment, carried over from “Furman 2001,” to renovate Plyler Hall of Science and add substantial new space for the sciences. A Science Building Steering Committee, consisting of faculty, staff and students and supported by an advisory board of alumni, has been hard at work on this initiative. These groups are collaborating with a consulting firm to design new and renovated space that will transform science education at Furman in the coming decades. As the planning process moves ahead, we have begun the challenging task of raising the approximately \$50 million necessary to turn these plans into reality.

## A TWO-TIERED APPROACH

Strategic plans typically are designed to chart an institution’s direction for five or perhaps even 10 years. To try to cover a long period of time is to risk the plan’s irrelevance in the

## Strategic initiatives

*In addition to its commitment to enriching the intellectual climate of the university, "Engaging the Future: A Strategic Plan for Furman 2004-06" calls for comprehensive examination of many other areas of campus life.*

### **I. Holistic development of students, faculty and staff.**

Furman recognizes the importance of enhancing personal and professional growth, providing academic and ethical guidance, and promoting diversity in thought and culture for all members of the campus community. Planned initiatives include:

- Convert senior year into a cumulative learning experience.
- Improve sophomore academic advising and orientation.
- Increase endowed support for scholarships.
- Provide student-athletes with an experience commensurate with Furman's expectations and resources for athletics.
- Provide faculty salaries that are competitive with regional peers.
- Develop a benchmarking program with colleges and businesses

to enable staff to improve job skills, processes and programs.

### **II. Increased awareness of environmental sustainability.**

The university promotes sustainability through educational projects, campus operations and construction practices, and public awareness programs. Planned initiatives include:

- Conduct a comprehensive campus environmental audit.
- Appoint a sustainability coordinator.
- Work with local agencies to protect and enhance the environment surrounding Furman.

### **III. Service to the larger community.**

Liberal arts colleges are often accused of functioning apart from the "real world." Through public lectures, performances, athletic events and

other opportunities, Furman will expand its role as an engaged member of the greater community. Planned initiatives include:

- Carry the arts to the community through programs in downtown Greenville.
- Collaborate with community groups on lectures and other projects.
- Provide a home for the Furman University Learning in Retirement (FULIR) program.
- Provide the means for student-athletes to better integrate themselves into the Upstate community.
- Create new opportunities for alumni worldwide to become involved with Furman.

*The complete text of "Engaging the Future: A Strategic Plan for Furman 2004-06" can be found on-line at [www.furman.edu/planning/strategicplan](http://www.furman.edu/planning/strategicplan).*

later years; to plan for a shorter period is to risk spending more time planning than doing.

Recognizing the wide-ranging implications of the comprehensive curricular review, "Engaging the Future" is two-tiered. It will begin with a two-year phase, with primary emphasis on the evaluation of curriculum and calendar, followed by a five-year phase. While the broad emphases of the five-year phase are outlined in the plan, specific initiatives and strategies may well depend on the outcome of the curricular and calendar review.

To be sure, this does not mean that the university will be strategically passive as the curricular assessment unfolds. Many crucial projects will proceed immediately. Designing and implementing a Center for Teaching and Learning, enhancing technological support for the academic program, creating new science facilities — these initiatives and more can move forward without waiting for the results of the curricular evaluation.

I've focused here only on those aspects of "Engaging the Future" that are closely tied to the overall goal of nurturing an academic community of distinctive intellectual vigor. This approach, of course, does not do justice to the plan as a whole, which features an ambitious set of strategic goals. The complete plan emphasizes, for example, the development of students, faculty and staff as whole persons, and recognizes as well the critical importance of building a diverse community. Moreover, it reaffirms the importance of compensation levels adequate to attract and retain outstanding staff and faculty.

In addition, of great importance is the plan's emphasis

on an awareness of environmental sustainability. We aim to encourage environmental citizenship as one of the critical habits of mind and heart upon which the plan is premised.

Our conversations have, as a whole, revealed a community diverse in interests and goals. As at any great academic institution, our members don't always agree about the directions in which we ought to be headed. The planning process, however, has generated an unusual degree of consensus and support for the goal of enriching Furman's intellectual climate.

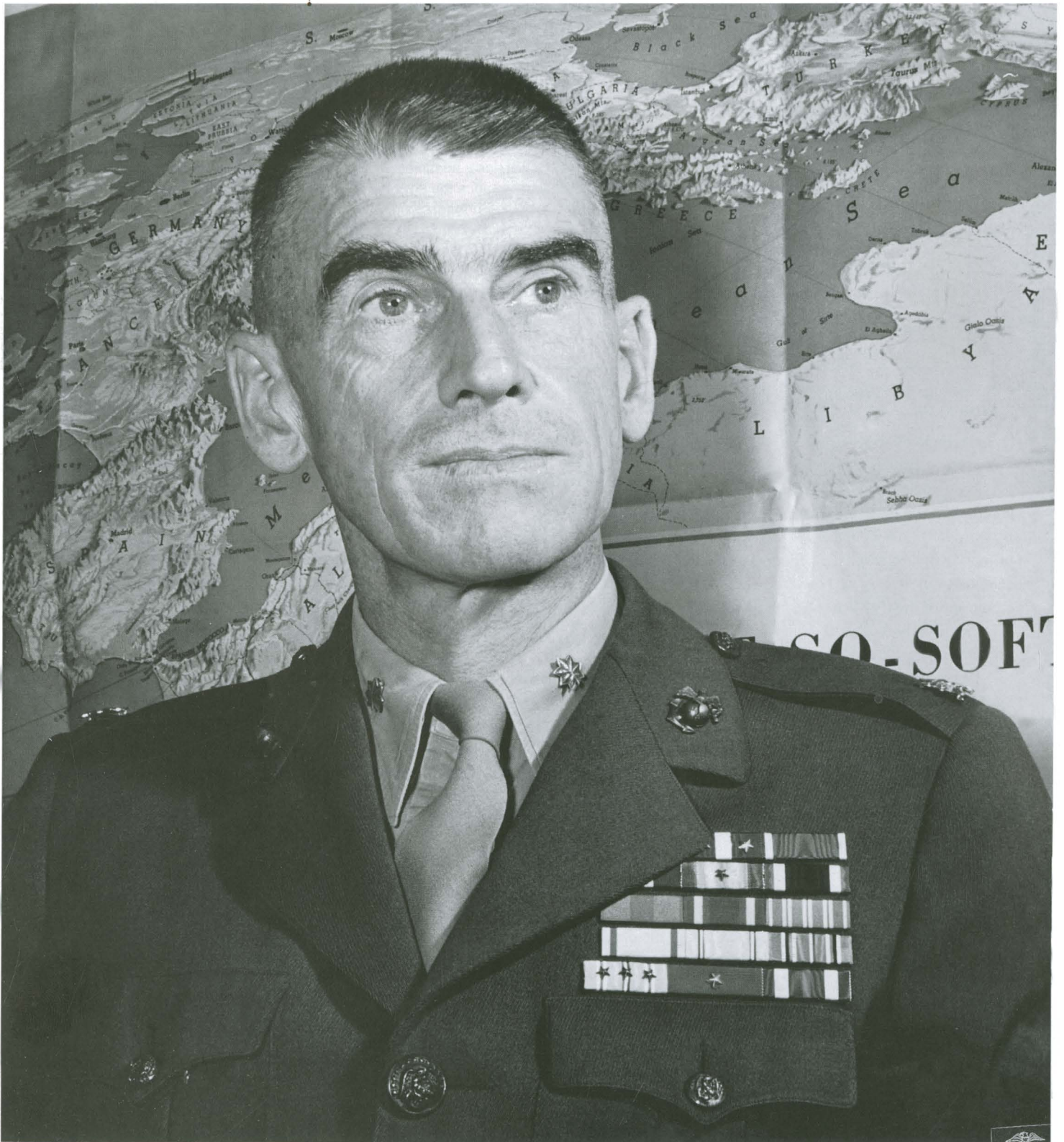
I was moved, in particular, when a professor with more than 30 years of distinctive service to the university rose during a winter-term faculty meeting to comment on the strategic planning process. He noted that he was a member of the Academic Program Working Group, and said that this conversation — especially our focus on the prospects for new intellectual vitality — was among the most stimulating and exciting moments of his university career.

This excitement, we trust, will be contagious as we prepare to "Engage the Future" at Furman. ●

*The author became vice president for academic affairs and dean at Furman in July 2003. He previously was dean of the College of Arts and Sciences at the University of the South in Seawane, Tenn. He holds a doctorate in political science from Ohio State University.*



# A Marine's Legacy



## A FURMAN STUDENT WORKS DILIGENTLY TO SET THE RECORD STRAIGHT ABOUT HER LEGENDARY GRANDFATHER, EVANS CARLSON.

BY DEB RICHARDSON-MOORE

The most surreal moment of an often-surreal four years for Karen Carlson Loving came last August as she interviewed a wizened Red Army veteran high in the remote mountains of northwest China. The old man — 90 if he was a day — had been a Communist guerrilla fighter against Japanese invaders in 1937 and '38, and Loving's grandfather had been a U.S. Marine intelligence officer assigned to observe the war.

Through her interpreter, Loving thanked the elderly soldier, explaining, "There was so much my grandfather learned from you that helped when the time came for the Americans to fight the Japanese."

The Chinese man stared incredulously at his blonde Western visitor, possibly the first to his isolated village. "You mean those bastards attacked the Americans, too?" he asked.

Interviewing Chinese peasant-soldiers and U.S. Marines who do remember Pearl Harbor has been Loving's life for four years now. Her grandfather was Brig. Gen. Evans Fordyce Carlson — the much-decorated commander of Carlson's Raiders, who provided some of the United States' most dramatic victories in the Pacific Theater during World War II. Using unorthodox commando-style methods and introducing the Chinese philosophy of harmonious Gung Ho, the Raiders were the precursors of today's Navy Seals, Green Berets and other special forces. Their exploits were celebrated in a 1943 movie that starred Randolph Scott as the craggy-faced Carlson.

But Loving, 52 and a Furman senior, is out to do more than investigate her famous grandfather's military feats. She wants to explore his relationship with guerrilla leader Mao Zedong, his close-up look at the Chinese Communists during the early years of their revolution, and the change of life they wrought in him.

And she's looking to Furman to help her do it.

**•GROWING UP ON MILITARY BASES** as the daughter of a Marine officer, Loving mainly knew her granddad as an entry in the encyclopedia — cool to show her friends, but hardly affecting her life.

That all changed four years ago when he visited her in her dreams.

"For two weeks I'd wake up at 2 in the morning, dreaming about my grandfather," says Loving, who, at the time, was a real estate agent in Virginia. "It was really weird because I didn't know him. He died before I was born. So it's not like he was this ever present thing in my mind, but I'd wake up and he'd be right there."

Exasperated, she got out of bed one night and typed his name into an Internet search engine. Along with the accolades were negative articles about this controversial officer who once resigned his commission to speak and write in support of the Chinese resistance. She also discovered that the U.S. Marine Corps Raider Association was holding its annual convention in Chicago.

She was nervous about going because four Raider battalions operated during World War II, and she knew tensions existed among them. But a warm reception from her grandfather's old Marines — and the realization that they were dying off — convinced her that she needed to move quickly if she wanted to set his story straight.

And setting his story straight — "the good, the bad and the ugly," as she puts it — soon became her goal.

Born in 1896, Evans Carlson served two tours of duty with the Marines in China before returning to Shanghai for a third tour in 1937. He was a language/intelligence officer whose mission was to observe the Chinese forces and feed information directly to President Franklin D. Roosevelt.

On the August day he arrived, Japan bombed Shanghai. As Chiang Kai-Shek's Nationalist Forces took heavy losses in the major cities, Carlson realized that the one group making progress was the 8th Route Army, the old Red Army, operating in the northern mountains.

He received permission to travel with the Communist guerrillas, watching how they worked with the people in the countryside to gain grassroots support against the Japanese. Mao Zedong, leader of the guerrillas, assigned five young escorts to Carlson, and for more than two years they traveled quickly





Women partisans, like these in Shanxi province in 1938, were part of the Chinese resistance; a young Mao Zedong in February 1938 in Yen'an, headquarters for the Chinese Communists. Both photographs are credited to Evans Carlson.

All photographs accompanying this article courtesy Karen Loving, except as noted.



and lightly, with the officers suffering the same harsh living conditions as their men.

After his tour, Carlson spoke to reporters, saying that the Communists were China's best hope against the Japanese and lambasting U.S. suppliers for sending scrap, oil and other materials to Japan. The Marines censured him, and he resigned.

He spent the next two years lecturing and writing two books, *The Chinese Army* and *Twin Stars of China*. Back in China as a civilian in 1940-41, he became convinced that Japan would attack the United States, according to a 1943 story in *Life* magazine. He flew to Manila to warn Gen. Douglas MacArthur and to lobby, unsuccessfully, for U.S. forces to establish a guerrilla base in the Philippines. Before Japan did attack, he rejoined the Marines.

In the aftermath of Pearl Harbor, Roosevelt decided that the United States needed elite forces like Winston Churchill's British commandos. He named Carlson commander of one of four all-volunteer Raider battalions. The assignment was Carlson's chance to put into action the lessons learned during his two years with the Chinese guerrillas.

The *Life* article and a recent History Channel special on the Raiders made much of Carlson's unorthodox leadership. Drawing on the Chinese concept of Gung Ho, which means "work in harmony," he abolished perks for officers and invited all the men under his command to make suggestions, register complaints and take part in operational strategy meetings. Raiders learned to live on rice, raisins, tea, chocolate, bacon and minimal water, cooking in their helmets to avoid setting up field kitchens. They could wear un-Marine-like long hair and beards as long as they learned to think fast and fight lethally with knives and bayonets.

In August 1942, with America reeling from a string of Allied defeats, 222 of Carlson's Raiders rode in the bellies of two submarines to Makin Island in the Pacific. They attacked in the pre-dawn hours, destroying radio stations and supply depots and killing more than 350 Japanese soldiers.

Eighteen Raiders were killed, and Carlson paid a native to bury them. Only when the submarines got back to Hawaii did the Raiders, who had traveled under radio silence, realize another 12 men were missing.

Despite the heavy losses, Marine brass were so pleased with







Left: Carlson's Communist guerrilla escorts on his last trip across Northern China were, from left, Ouyang Shanzen, Liu Baiyu, Kang, Lin San and Wang Yang. Middle: Japanese prisoners of war captured by the guerrillas, 1938 (photo by Carlson). Bottom: The dig at Makin Island, where the bodies of 19 Raiders were recovered 58 years after the raid on Makin.



the success of the mission that they eventually ordered Carlson to serve as technical advisor on a movie about the Makin assault called "Gung Ho," released in 1943 as a means of boosting public morale.

"Nobody understood at that time, I think, just how hungry the American public was for some good war news," retired Marine Lt. Col. Howard Stidham, a former Raider, told the History Channel.

Carlson's next major campaign was a 31-day ambushing march through the jungles of Guadalcanal known as the "The Long Patrol." It won Carlson his third Navy Cross.

All four Raider battalions were disbanded late in the war, with the men folded into other units. Carlson was subsequently injured in Saipan, when he tried to pull a wounded radioman to safety. Carlson's wound never healed completely, and he died of a heart attack in 1947 — four years before his son and fellow Marine Raider, Evans C. Carlson, gave him a granddaughter.



## MEETING THE SURVIVING CARLSON'S RAIDERS

in 2000 upset the life Karen Loving had planned.

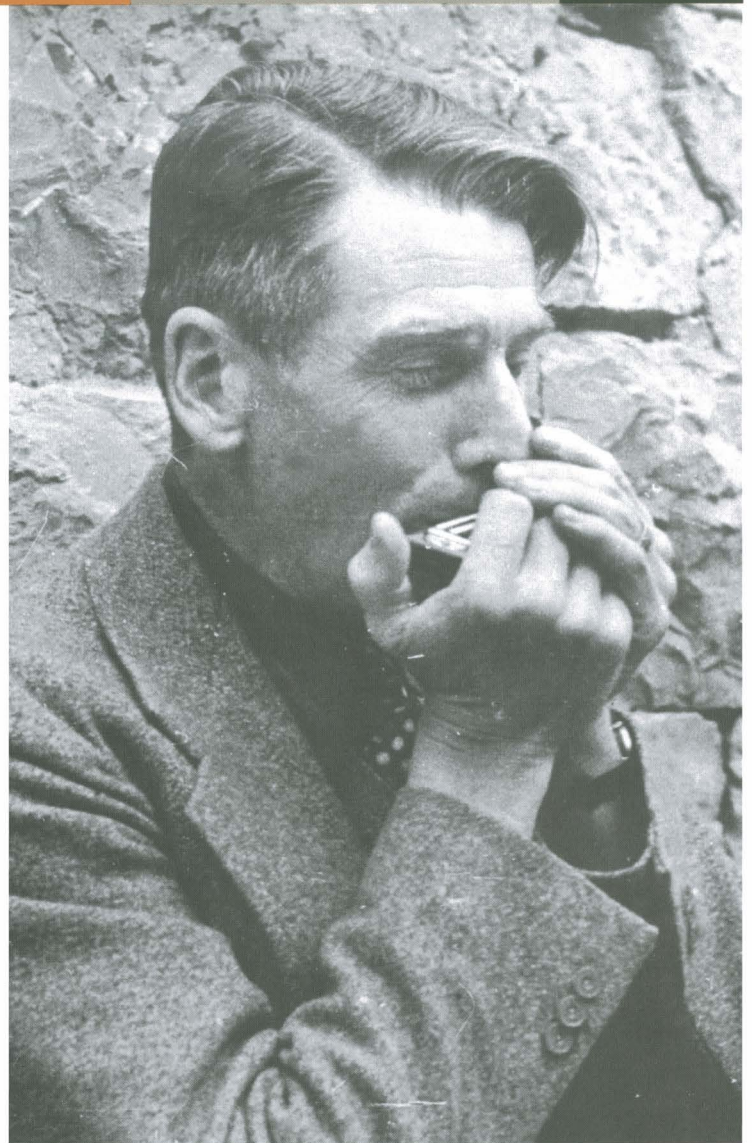
She had married during her second year of college in Virginia and put her education on hold while raising three sons and pursuing a 25-year career in real estate. She and her husband, John, a high school teacher and coach, thought they might relocate so that she could finish school — some day.

But history was breaking over her like a Waikiki wave as she met her grandfather's men. Just months earlier, the Civilian Identification Lab Hawaii had discovered the remains of 19 soldiers on Makin Island — 58 years after Carlson had paid a native to bury them. He had counted 18 dead, but another drowned soldier — one of the missing 12 — probably washed ashore and was buried there as well, Loving says.

The bodies had just arrived in Hawaii, and Loving and her new Raider friends began lobbying to have them buried at Arlington National Cemetery. The men changed their Raider Association constitution to allow Loving to serve on their board — the first non-Raider and the first woman. Together, they succeeded in getting permission for 13 of the bodies to be buried in Arlington on the anniversary of the Makin raid — August 17, 2001. Families of the other six wanted them buried in their local communities, where the Raiders had long been heroes.



The photos of Carlson at right and opposite right were taken by Robert Capa, the celebrated war photographer, at Taierchwang in April of 1938. This page, bottom: Members of the Second Raiders Battalion proudly display their catch — accomplished by throwing dynamite into a Guadalcanal lagoon and harvesting the results (photo by Carlson). Opposite, bottom: Raiders on patrol in the alligator-infested Tenaru River at Guadalcanal.



Meanwhile, Loving began looking more closely at her grandfather's voluminous cache of diaries and correspondence, which were zealously guarded by her father. It was no wonder: The papers had been lost to the family for years after the senior Carlson's third wife refused to relinquish them, Loving says. They resurfaced in 1960, when Loving's father, who now lives in Columbia, S.C., got a call from an old Marine Corps friend who spotted the general's letters, medals, diaries and Gung Ho knife in the window of a military memorabilia shop in Seattle, Wash.

"These Marine buddies of his took the shopkeeper around the block a few times and had a heart-to-heart with him about doing the right thing," Loving says with a laugh. "So this man sold all my grandfather's things back to my father for \$500."

The papers were astonishing. Interviews with Mao Zedong. Diaries telling of a 1,000-mile march through the mountains of northern China. A letter from Carlson to his father, in which the Marine said he felt he'd been put on Earth to help the Chinese people in their struggle for freedom.

"When I read that letter," says Loving, "I realized that if I wanted to understand my grandfather, I needed to understand his relationship to the people in China, what had happened to him in China that had so transformed him.

"We all have these pivotal moments in our lives and that was one of those moments for him, and I guess for me, once I read it."

.....**WHAT SHE WANTED TO DO**, she realized, was to write a scholarly history that would explore Carlson's unique position as an American military officer at a crucial time in Chinese history. But she needed to know a lot more about that history.

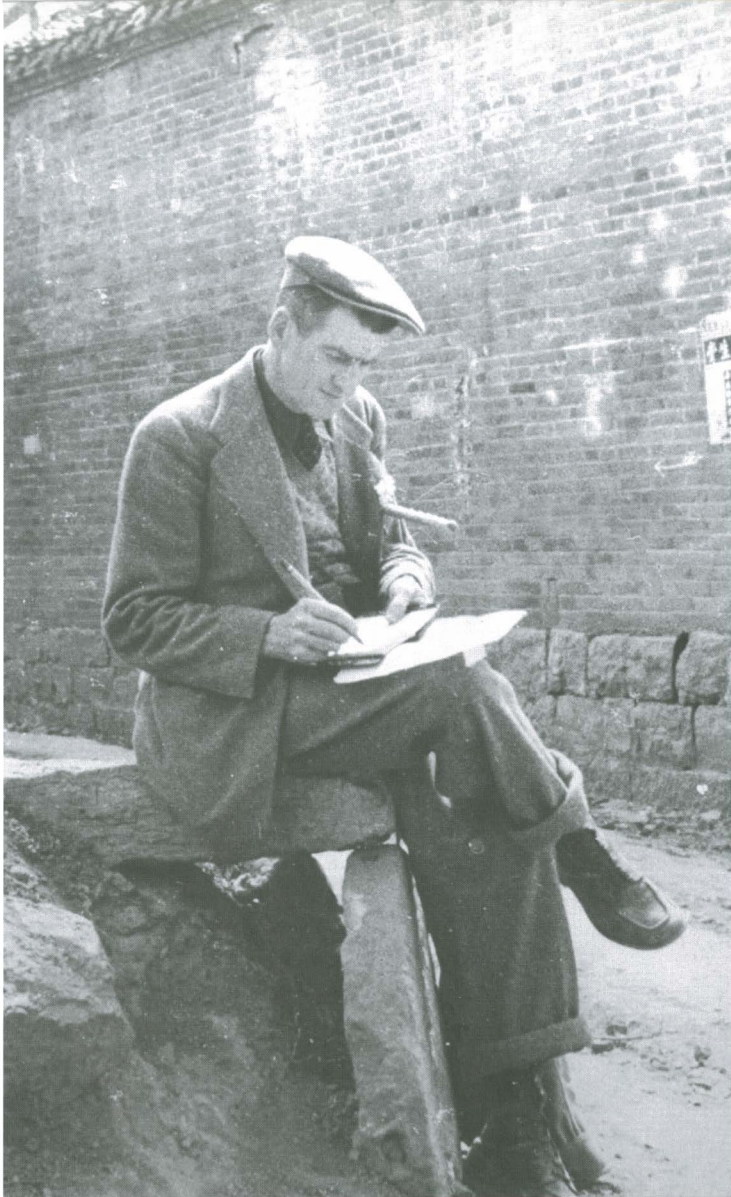
"I didn't have the tools I needed to do what I wanted to do," she says. "I really did need to get back to school."

She checked out schools in North Carolina, but it wasn't until she approached Furman — where her middle son, Gabriel, had graduated in 1996 — that she found exactly the right match. For one thing, Gabriel's experience had been wonderful, she says. "Not only had he come out of Furman a better educated person," she told *The Paladin*, "he came out a better man."

And after an exploratory meeting with retired Furman history professor Ed Jones and current faculty members Kate Kaup in political science and Jan Kiely in history, she realized







that, even as an undergraduate, she would be able to work with professors well versed in Chinese history.

"It was like walking into a room and all the lights were on," Loving says. "They were so excited about what I was doing. They recognized right away the significance of the work."

Says Kiely, "Anybody who studies Chinese history knows Carlson. He was really kind of a prophet at that time for American foreign policy. He was saying, 'Here's this enormous Communist movement out here, and they're fighting hard against the Japanese.' Not a lot of people listened to him, but FDR did."

Carlson was also an enthusiastic photographer, and Kiely calls Loving's inherited collection "historically amazing. I mean, they're like anyone's photographs of their grandparents, except her grandfather is standing next to Mao Zedong and Zhou En-lai when they're in their 40s in guerrilla base camps."

Ironically, the very richness of the material, in a sense, prevents Loving from methodically filling her educational toolbox before starting her grandfather's biography. Both the Raiders and the Communists Carlson befriended during the 1930s are dying at an alarming rate.

"Time is the great enemy here," she says. "That's why I feel as if I'm running off half-cocked. But I'm doing everything I can to get these interviews to the best of my ability and get everything recorded, and hope that in the future, I'll have the knowledge and tools I need to really do this subject justice."

**INTERVIEWING 50 SURVIVING RAIDERS** was the easy part. The real challenge was traveling to China, where her grandfather was declared an official Friend of China on February 26, 1996, the 100th anniversary of his birth.

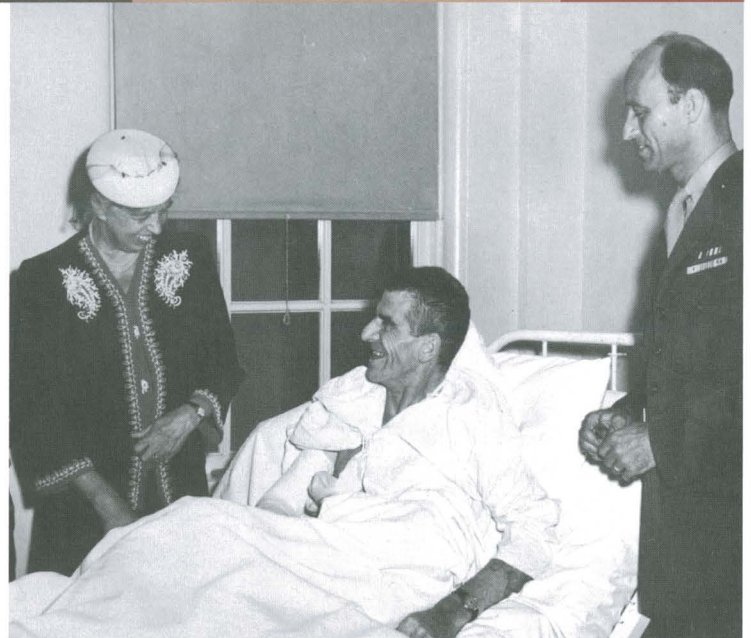
Loving and her husband made their first trip in 2002, the summer before she arrived at Furman.

"Off to China we went, which was pretty scary," she recalls. "You know, we were both duck-and-cover Cold War babies. And growing up in the military — my father was very nervous that I was heading to a Communist country."

Armed with contacts provided by the Chinese ambassador to the United States and the Friendship Association of the People's Republic of China, the Lovings traveled to Yen'an, where Mao spent the early years of the Revolution. Loving met with two of the soldiers Mao had assigned to escort her



This page, top: In July 1944, after being wounded in Saipan, Carlson was visited at the U.S. Naval Hospital in San Diego by First Lady Eleanor Roosevelt and her son, Col. James Roosevelt, who was Carlson's executive officer. Opposite, top: Carlson's son, Col. Evans C. Carlson, USMC, examines his father's Gung Ho knife and other possessions, discovered in 1960.



grandfather, and they talked about "how much they learned from him about how to be a soldier," she says.

One of them, Ouyang Shanzen, who later became director of the Beijing Opera, gave Loving a copy of the diary he kept during his travels with Carlson.

"It's fascinating because day to day, I can take my grandfather's accounts of what happened on the trip and then I can take Ouyang's and compare the two," she says. "It really fleshes out what happened and what they were seeing."

Loving's professors were amazed at the sources she uncovered. "It's incredible she could actually find some of these people in China," Kiely says. "She's done fantastic work."

After a year of Chinese language study at Furman, Loving prepared for a second trip to China last August with financial help from the Furman Advantage Program and South Carolina Independent Colleges and Universities. In Kaup's class, she studied textbooks by David Shambaugh, an expert on the Chinese military. She e-mailed him in Washington, and he agreed to meet with her.

Ten minutes into the interview, he asked, "Who are your contacts in China?"

"I told him, and he said, 'We can do better.' He picked up the phone and called the cultural liaison at the embassy for the People's Republic of China and said, 'I'd consider it a personal favor if you would help this lady.' That's the kind of help I've gotten."

The second trip was primarily to meet with Chinese guerrilla veterans of the Sino-Japanese War, like the one who didn't know America had fought the Japanese. But this time, with the Chinese Ministry of Foreign Affairs alerted to her relationship to Carlson, Loving was treated like a celebrity.

"Every place we went — and we went to six different villages — I'd be met by the governor of the province and there'd be this motorcade waiting," she says. "There'd be a receiving committee."

The third trip will be this fall, when she uses Furman grants and scholarships and a Freeman-Asia grant to participate in the university's Furman in China Program, which Kiely is directing. Loving hopes to take fellow students to Yen'an to interview more war veterans about her grandfather and to delve deeper into the birthplace of the Chinese Revolution.







Color photos, clockwise from opposite left: In July 2002, Karen Loving met Ouyang Shanzen (left), one of her grandfather's guerrilla escorts, and Ling Qing, former Chinese ambassador to the United Nations and chair of the Friendship Association of the Peoples Republic of China; with Communist guerrillas and partisan fighters in Yuangang, Shanxi Province, August 2003; at home before leaving for China this fall; talking to former guerrillas and partisan fighters with the aid of interpreters, August 2003, Yuanshi, Hebei Province.



"One of the big historical debates is, how did it happen?" she says. "How did Mao take these peasants who had for 2,000 years been subjugated, dominated, abused and concerned only for survival, and mobilize them into this force that forged a nation? What my grandfather saw was these people literally fighting with rocks and sticks . . . who were successfully fighting the most powerful war machine the world had ever seen, the Japanese army.

"He was able to see past the dirt and the poverty and lack of equipment and see the potential for a people who could forge a nation. He saw that in these Chinese peasants. And a lot of what he predicted came true."

Loving hopes to gain enough knowledge from her Furman studies and subsequent graduate work — she hopes to attend the University of North Carolina — to be able to authoritatively place her grandfather in history. After that, she says, "I'd like to continue my grandfather's work in China. I think he cared very deeply for these people and saw a lot of potential. I get the same feeling.

"Maybe it will be building better relationships between the United States and China, maybe educating children in the rural areas, maybe funding scholarships for Chinese students to come to Furman from these rural areas."

And maybe bringing the harmonious spirit of Gung Ho to both nations her grandfather loved. 🍇

*The author, formerly an award-winning reporter with The Greenville News, is pursuing a Master of Divinity degree at Erskine Theological Seminary.*





# Northern Exposure

**“David, you could go anywhere in the world. Why the heck do you want to go to Canada, instead of somewhere warm and interesting?”**

This was my brother's comment shortly after I was selected as a Fulbright Scholar for the 2003-04 school year. Considering that I'm a California native and the coldest place I had ever lived previously was Greenville, the prospect of enduring a Canadian winter did seem daunting. However, as I reflected on the reasons that led me to pursue graduate study in health policy and economics at the University of Toronto, I was confident that I would find the experience rewarding.

I graduated from Furman in May of 2003 with a degree in biology and an acceptance letter from the University of Virginia medical school. I had always planned to begin my medical

studies immediately after graduation — until a suggestion by one of my biology professors led me to pursue a Fulbright grant, which would provide funding for a year of study abroad. I had developed an interest in health policy through several summer jobs in hospitals, and I realized that Canada would be an ideal place to pursue this line of study.

Canadian healthcare is often held up as a model for what can be accomplished with government-funded health insurance. All Canadians have access to medically necessary hospital and physician services, funded by tax revenues. The system is known as Medicare — but unlike its American counterpart, Canada's Medicare covers all citizens, not just seniors.

Americans who lobby for a similar system argue that if it works in Canada, it can work in the States as well, given the





## A FULBRIGHT SCHOLAR PUTS MEDICAL SCHOOL ON HOLD FOR A YEAR TO EXAMINE FIRSTHAND WHAT SEPARATES CANADIAN CULTURE FROM OUR OWN.

similarities between our cultures and economies. As a future physician, I felt a compelling need to learn about Canadian healthcare and other publicly funded systems so that I could be an effective voice in future debates in the United States.

Aside from my interest in healthcare, I also looked forward to learning more about the world's second-largest country. Canada has long been one of the United States' closest allies and economic partners. The U.S.-Canadian border is the longest unfortified border in the world, and since the terrorist attacks of 9/11, the importance of Canada's cooperation in securing the border has become clear. Yet despite the vital nature of U.S.-Canadian relations, Americans often lack an understanding of the values, institutions and traditions that separate Canadian culture from our own.

During my year in Toronto, I discovered firsthand the distinct but often subtle differences between Canada and the United States. Indeed, especially outside of Quebec, everything in Canada appears identical to America: the same cars, the same stores and, of course, the same language. But because they are well aware of the often suffocating dominance of American culture and business, Canadians are constantly trying to define their own unique identity.



**It has been said that Canadians talk about three things:**

hockey, the weather and healthcare. Winter is certainly a defining aspect of Canadian culture. Many cities have winter festivals, the most famous being Carnivale in Quebec City. In downtown Toronto and Montreal, mazes of underground



Opposite: The flags of Canada (left) and Quebec add to a colorful glass display. This page: The National Assembly of Quebec sits in this building, constructed in the late 19th century. The Assembly governs only provincial affairs; the name reflects Quebec's efforts to be treated as a distinct entity within Canada. (All photos courtesy David Bumpass)



malls connect the buildings and subway stations so that people don't have to brave snowstorms.

Winter sports are also ingrained into the Canadian consciousness, as will be showcased for the world when Vancouver hosts the 2010 Winter Olympics. During the 2004 National Hockey League playoffs, downtown Toronto transformed into a giant street party after each Maple Leafs victory. Having grown up playing hockey, I enjoyed frequent opportunities to play while in Canada, and my enthusiasm for the game earned me the instant respect of many Canadians!

Canadians like to celebrate the political traditions that distinguish them from Americans. Compared to Americans, Canadians have greater faith in the positive role that government can play in the lives of citizens. Canadian democracy also has fewer formal checks and balances and entrusts great power to the prime minister and his or her cabinet.

In December 2003, when Prime Minister Jean Chrétien retired, the governing Liberal Party selected Paul Martin as his successor. The amazing part of this process was that, although Martin was an elected member of Parliament, the Canadian people did not vote directly for him to lead their country. (Martin and his party did earn a minority victory in the June 28 parliamentary elections, claiming 135 of the 308 seats.) This implicit trust in government and the broad powers of the prime minister have been instrumental in Canada's adoption of many national social programs, most notably the Medicare system.

In the post-Cold War era, Canadians have increasingly viewed America's superpower status with caution, and today Canadian-American diplomatic relations are a bit strained. In a watershed decision last year, the Canadian government refused to support the war in Iraq, indicating a growing willingness to ignore Washington's lead. In addition, Canadian-European

relations are becoming increasingly important, as these nations seek to maintain an influential role on the world stage.

Finding a delicate balance in its relationship with the United States is nothing new for Canada. During the War of 1812, the United States launched an invasion of southern Ontario that was repulsed by a much smaller British army. Intriguingly, Canadians cite this as a victory for their country, even though Canada would not officially exist for another half-century. The nation of Canada was created in 1867, completing a confederation effort begun three years earlier in direct response to the American Civil War raging to the south. The leaders of the British North American colonies were extremely concerned by the threat of the Union Army, which at the end of the Civil War was the largest army in the world.

Given these factors, the relative tension between America and Canada is understandable in light of the differences between the two countries' cultures, governments and history. But the importance of maintaining a close and friendly relationship cannot be understated.

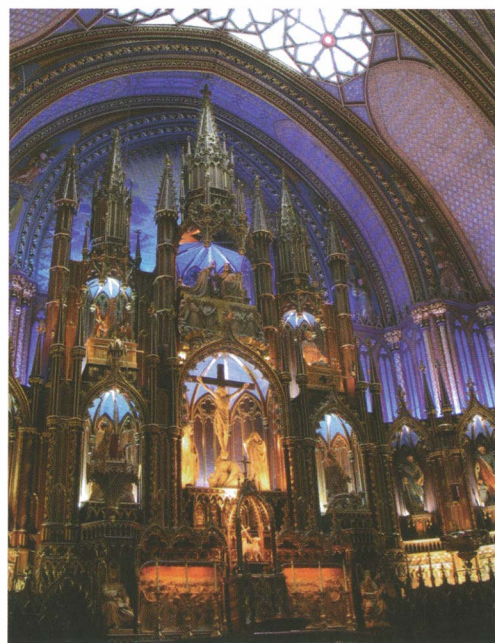


**Medicare in Canada is a major source of national pride,** in large part because it is different from the American system. Canadians are particularly proud of the egalitarian ideals that form the foundation of universal health insurance.

All Canadians are entitled to receive, without charge, necessary medical services provided by hospitals and physicians. Medicare actually consists of 10 provincial health insurance programs that are regulated by federal legislation. While the provincial programs are the sole insurers for most medical services, hospitals and physician practices are typically privately owned. Thus the system is best described as "publicly funded, privately delivered."



A scenic shot at a lake in Algonquin Park in Ontario, which was established in 1893 and is one of Canada's largest parks. It is a major center for biological and environmental research.



The altar of the Basilique Notre-Dame in Montreal. The cathedral's interior is known for its ornate design and exquisite detail.



In terms of life expectancy and infant mortality, Canadians are healthier than Americans. In addition, less of Canada's gross domestic product is devoted to healthcare than that of the United States. However, the system is not perfect. Although all Canadians receive health insurance, the waiting times for appointments are longer and the number of patients per doctor is higher than in the United States. Many health services, such as dentistry and rehabilitation, also fall outside Medicare.

Some argue that Canadian Medicare needs to be "Americanized," with more private funding and market-driven health services. An example is privately owned, for-profit CT and MRI imaging clinics that allow people to pay out-of-pocket for a scan — and thus bypass long waiting lists. Many Canadians oppose such reforms on the grounds that they create a "two-tier" health system, in which the affluent have access to quicker or better medical care.

Moreover, the North American Free Trade Agreement, concluded in the early 1990s between Canada, the United States and Mexico, opened private-payment medical services in Canada to investment — and potential takeover — by American corporations. Parallel private and public systems would undermine the equality of Medicare and allow American businesses to have a much greater role in Canadian healthcare, essentially eliminating the distinguishing aspects of the Medicare system.

As a future physician, I am impressed that the Medicare system has delivered world-class healthcare to Canadians for nearly 50 years. The ideal of equal access for all citizens is admirable. And because the government is the only insurer for most medical services, Canada is able to slow the growth of healthcare costs through monopsony (one-buyer) power.

At the same time, the Canadian system is not particularly

nimble. If a shortage exists for a certain medical service, such as joint replacement surgery, the government must approve new funding for hospital budgets — often a politically unpopular decision. In America, investors would be able to match supply with demand by expanding operating room capabilities. In the States, development of new medical technology and pharmaceuticals is fueled by the healthcare industry; Canada is often less willing to invest in new technologies. The current Canadian backlog for CT and MRI scans occurred because of a shortage of scanning machines in the provinces.

Increasing access to medical care for all Americans is a worthy goal, but it can be accomplished only with an understanding that simply copying the universal health insurance systems of other nations will not work. We must consider the scope of control that government would play in any revisions to our current system, the ability of our congressional system to bring about timely reforms, and the effect that changes would have on technological development and on the economy as a whole.



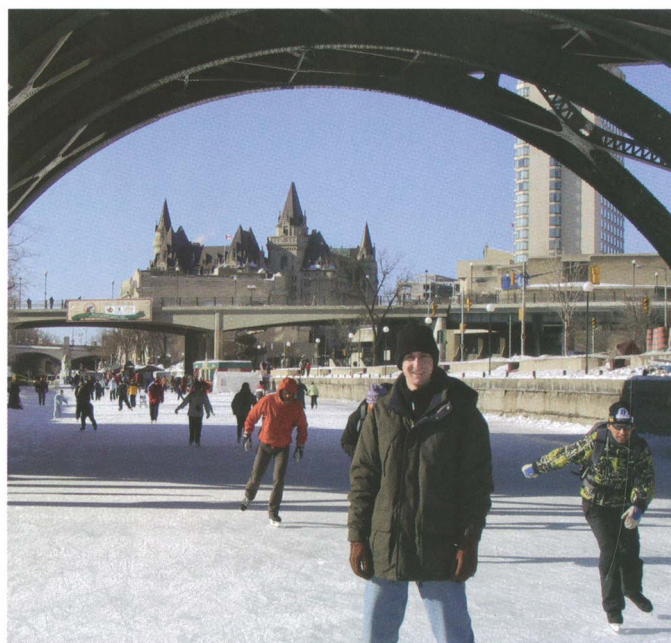
#### **Public health is truly a global issue, and communication**

and cooperation are essential to international health efforts. In the spring of 2003 Toronto was the only city in the Western Hemisphere to have confirmed cases of SARS (Severe Acute Respiratory Syndrome), which originated in Southeast Asia. The outbreak occurred primarily in several Toronto hospitals, and 44 people died before the disease was contained.

The SARS scare had passed before I arrived in Toronto, but I observed much of the aftermath of the outbreak. Both the national and provincial governments have been carefully re-evaluating the organization of public health resources and leadership. During the crisis, there was no designated person



This monument to Edward VII is located in Queen's Park, Toronto. Canada remains a staunch member of the British Commonwealth.



The author at the Rideau Canal, a popular tourist spot. In the winter, the Ottawa portion of the canal is converted into a gigantic skating rink.



or agency to coordinate quarantines, gather data and lead the small army of health professionals who were doing their best to identify and contain the disease. Instead, hospital administrators, city officials and Ontario government officials each held certain responsibilities; vital information was not shared in a timely fashion for lack of cooperation and an effective means of assimilating data. For example, one patient in a hospital ward was not diagnosed with SARS for 13 days, a period in which he infected 42 other people. Yet when this man entered the hospital, SARS had already been identified in China, Hong Kong and Vietnam.

The Canadian government is in the process of creating an agency equivalent to the Centers for Disease Control and Prevention in the United States, in the hope that these kinds of mistakes will not reoccur. The lessons learned, though costly, have demonstrated that an efficient and prepared public health system is essential in these uneasy times, with ongoing threats of new epidemics and bioterrorism.

**Aside from learning about Canadian politics and health-care policies,** the most rewarding aspect of my experience was the opportunity to develop friendships with people from all over the globe.

Toronto is one of the world's most cosmopolitan cities, with large communities from Hong Kong, Italy, Portugal, South Korea, Greece and many other nations. Among the 12 guys on my dormitory hall, 10 nations were represented. Toronto has undergone tremendous growth in size and diversity in recent years, and there is a palpable sense of excitement and expectation for the city's future.

Getting to know my international friends broadened my perspectives about global issues, and I was constantly learning

something new about other nations' history or culture. Over cafeteria dinners, I learned about ancient Korean capital cities, French culture in the Pondicherry region of southern India, the cultural and political tensions in Iran, and the importance of the Athens Olympic Games to Greeks. I tried to learn Cantonese and understand the rules of cricket — and wound up providing considerable comic relief for my friends.

While I learned much, I was able to contribute to others' knowledge as well. When I tried to explain the concept of Santa Claus and the Tooth Fairy to a friend from China, I quickly realized that I had taken for granted the idea that these characters were inherent to other cultures. Another time, a friend from South Korea was convinced that the root beer button on the soda machine dispensed real beer. To his chagrin I explained that despite its name, root beer was not alcoholic.

Not surprisingly, the war in Iraq was the topic of many conversations. Hearing the views of people from other nations reinforced my understanding of the dizzying complexity of world politics and of the absolute need for Americans to develop a deeper awareness of world opinion. Most, including Canadians, do not support the invasion of Iraq, although there were varying degrees of satisfaction over the capture of Saddam Hussein. More than once, when people learned that I am American, they would launch into a lengthy rant against our nation. Without question, this is an interesting time to be an American abroad.

Because of the current world tensions, I had ample opportunities to discuss my perspectives of America with others. Many times people would argue that the United States should or shouldn't act in a certain way, and yet their arguments were based on the assumption that our cultural values should be identical to those of other Western nations. I would respond



The CN Tower dominates the skyline of Toronto. At 1,815 feet, it is the world's tallest freestanding structure.



Porte St. Louis (Gate to Quebec) is part of the city's fortification system. Many structures from the 17th and 18th centuries have been preserved and are still in use in Quebec.

that America has a unique history, which in turn has given rise to our system of government and a fierce ideal of self-sufficiency. I soliloquized, often at excessive length, about the American Constitution, the Civil War, Southern culture (a number of misconceptions, such as the impression that everyone carries a gun, required slight modification), and the concept of presidential primaries. What I hoped to communicate was that when other nations examine our actions, they must do it with an understanding of the events and traditions that make us Americans.

**I greatly enjoyed living in downtown Toronto.** Its innumerable restaurants serve cuisine from around the world, and the city boasts many parks, a stunning waterfront along Lake Ontario, and much intriguing architecture. Seeing Toronto transform from late summer to the brilliant colors of fall, and then blanketed in snow for several months, encouraged me to take many walks around town with my camera. I also visited much of southern Ontario, a place of great natural beauty with its waterfalls, huge forests and countless lakes.

One week I traveled to Ottawa, Montreal and Quebec City via train. The history of French Canada is celebrated in the modern cities of Montreal and Quebec, where many buildings from the 17th and 18th centuries have been preserved and are still in use. The cathedrals, courthouses, hotels and fortifications of these two cities exhibit astounding architectural and engineering achievement. While in Quebec, I braved high winds and driving snow to take a snowshoeing trek around the city. It was actually a lot of fun, which suggests that perhaps I adapted rather well to harsh winter weather.

In Ottawa, I skated on the “world’s longest ice rink” — the frozen Rideau Canal that runs right through town and past the

national Parliament buildings. And after watching sessions of both the House of Commons and the Senate, I am convinced that the parliamentary system far exceeds America’s congressional system in terms of entertainment value. Parliament was quite raucous the day I visited, as a fiscal scandal involving the majority Liberal Party had broken several days earlier. The opposition Conservative Party members were leading chants mocking the responses of the deputy prime minister, often precluding her responses to their questions by hollering challenges to the (conveniently) absent prime minister in open session. As a neutral foreigner, I found the whole episode quite enjoyable.

Throughout my time in Canada, I often reflected on how the education I received at Furman prepared me to converse on a variety of subjects with people from around the world. I also began to realize that the benefits of my Furman education will extend far beyond simply having a respected transcript and a constant longing to return to a park-like campus setting.

The chance to live in one of the most multinational cities in the world was tremendously valuable. My studies in health policy gave me the opportunity to compare the American and Canadian systems and to evaluate firsthand the strengths and weaknesses of universal healthcare. As I begin medical school at the University of Virginia, I hope to continue to expand my knowledge of our neighbor to the north, and to learn much that will help me contribute not only to the medical profession, but to American social policy as well. 🍇



A statue of Gen. John Graves Simcoe, Upper Canada’s first lieutenant governor, stands amid springtime splendor.



When not studying health policy and economics, the author took full advantage of opportunities to enjoy the country’s many sounds and sights — including this view of Niagara Falls.





# MONDgame

‘Parallel computer cluster’ may help shed new light on Newton’s Law.

**Like Einstein’s Theory of Relativity, Newton’s Law of Gravity**

is one of the fundamental bedrocks of science.

Most schoolchildren are familiar with the result of Sir Isaac’s epiphany after an apple fell from a tree and struck him on the head: Newton’s Law, which states that two objects attract each other with a force proportional to the mass of each object and inversely proportional to the square of the distance between the objects.

Newton, of course, was one of history’s pre-eminent minds. With his Law of Gravity and his three Laws of Motion — the most important being the Second Law, which asserts that an object’s acceleration under the action of a given force is proportional to the force and inversely proportional to the object’s mass — he was able to explain the motion of falling apples, cannonballs shot from a cannon, the moon orbiting the earth, and any other example known to him of one object

moving in the vicinity of a much more massive object to which it is gravitationally attracted.

Johannes Kepler had earlier shown that the planets followed elliptical orbits around the sun at a speed that varied depending on their distance from the sun, but he had not been able to explain why their orbits demonstrated these characteristics. One of the triumphs of Newton’s laws was their ability to predict the orbital movement of the planets. In effect, Newton built on and improved Kepler’s theory.

Newton’s ideas went mostly unchallenged for several centuries, in large part because they seemed to explain the movement of the planets in Earth’s solar system. But when scientists developed the ability to chart the movement of objects in far-off galaxies, they began to make some interesting discoveries.

After estimating the mass of stars near the center of

a galaxy, they would use Newton's Law of Gravity to predict how fast the outer stars should orbit the center of the galaxy. To their surprise, they found that the speed of the outer stars was often much greater than the speed predicted by Newton's Law. This led to the theory that there is additional matter in a galaxy. "Dark matter," as it is called, is defined as extra mass that isn't visible and that, therefore, has been overlooked in estimating the mass of the galaxy's central region.

Moti Milgrom, an Israeli scientist, emerged in 1983 with a different theory, suggesting that Newton's Law could be adjusted to account for the star velocity variations in galaxies. His formula, called MOND (MODification of Newtonian Dynamics), proposed that the gravitational force law (for large separation of objects) is inversely proportional to " $r$ ," the distance between the objects, rather than to Newton's " $r^2$ ," the square of the distance. As a result, the gravitational force exerted on a star at the edge of a galaxy by the massive stars near the galaxy's center is stronger than what Newton's Law of Gravity would predict. If valid, Milgrom's formula would explain the higher-than-expected speed of the outer stars without inferring the presence of dark matter.

**Milgrom's formula, though intriguing, has been difficult** to test because it would require tracking the movements of thousands of stars over thousands of years.

This is where Furman's Bill Baker and Wade Shepherd enter the picture.

Baker, chair of the physics department, and Shepherd, who works in the Department of Computing and Information Services, determined that a good starting point for testing Milgrom's formula would be to network a bank of computers in a Furman physics laboratory using gridMathematica, software that links individual PCs in a parallel-processing network.

By harnessing the collective calculating power of the computers, Baker and Shepherd determined that they could apply both Newton's and Milgrom's theories to stars in a simulated "star cluster" — a grouping of thousands or even millions of stars in the same region of space. They reasoned that they could compare the speeds and other properties of the stars in the simulated clusters to those of star clusters that have actually been observed, then determine whether MOND provides a better explanation than Newton's Law for the speed of the outer stars.

Creating such a simulation, explains Baker, requires billions of calculations, enough to overwhelm many computers. He estimates that it would take one computer 30 hours to complete a simulation of a 1,000-star cluster. But networking the computers — which Baker and Shepherd did with the help of 2004 graduates Joel Olive and John Brady — allows the


machines to talk to one another and thus divide the problem into manageable parts. The "parallel computer cluster" (supercomputer?) can complete a simulation in three to four minutes.

Baker points to additional benefits Furman students can derive from the project: "At very little cost and by using existing resources, we have been able to create a computer network that can be used to carry out large-scale simulations in many areas, such as classical and quantum mechanics, structural and dynamic modeling, materials science and astrophysics."

But what do the early results of the Furman simulations show? Should Newton's Law of Gravity be revised? Is this a case of MOND over matter?

While more research is needed, the findings to date indicate a significant difference between simulations that use Newton's Law of Gravity and MOND. Baker reports that, late in the evolution of a star cluster, the MOND simulations show a mean star velocity about 75 percent greater than the velocity achieved under the Newtonian model.

The "Simulation of Modified Newtonian Dynamics" project has earned considerable attention. It received the InnoVision 2003 "Innovation in Education Award," which celebrates technological excellence in the Upstate region of South Carolina, and Baker has made presentations about the project at meetings of the American Physical Society and the American Astronomical Society. He and Shepherd are continuing to fine-tune their program and hope to add more computers that will help them develop simulations on a much larger scale.

Extra mass or extra gravity? Perhaps research conducted in a Furman laboratory will eventually help clarify one of the mysteries of the universe. 

*Photo: An example of a star cluster — actually an unusual double star cluster known as NGC 1850. It is found in the Large Magellanic Cloud, a dwarf galaxy that orbits our own Milky Way. The photo was taken with the NASA Hubble Space Telescope in July 2001. According to the Hubble Web site, the main cluster at center is about 50 million years old; the smaller cluster at bottom right is four million years old. To view more photographs taken by the Hubble Space Telescope, visit [www.hubblesite.org](http://www.hubblesite.org). Credits: Space Telescope Science Institute (STScI), NASA, European Space Agency and Martino Romaniello (European Southern Observatory, Germany).*



# Furmanreports

## Closing the gender gap

*Furman working to combat decline in male degree seekers*

When it comes to college enrollment, the statistics don't lie: Women are fast outnumbering men.

The U.S. Department of Education has reported that in 2001, the percentage of men at more than 4,000 institutions of higher learning was 44 percent. And that number is dwindling; the department says that, by 2010, the percentage is expected to drop to 42 percent. Moreover, since 1980, the percentage of bachelor's degrees awarded to men has fallen from 51 percent to 44 percent.

Which leads to the question: Are men an endangered species on college campuses?

Well, not just yet. But many schools — and especially liberal arts institutions — are seeing their male enrollment reflect the downward national trend.

The percentages caught up with a number of quality liberal arts colleges in 2003, and Furman was no exception. Since 1997, Furman had consistently enrolled classes that maintained a female-to-male ratio of roughly 55 to 45 percent, which was in line with the national average. But in the freshman class that enrolled in the fall of 2003, the ratio slipped to 60-40 — and led to some strategic planning in the Admissions Office.

Woody O'Cain, director of admissions, points out that liberal arts colleges are usually regarded as friendlier, more prestigious and more rigorous than larger institutions — and thus tend to be more attractive to women, who are, statistically, stronger students than men. Men, he says, tend to be more vocationally minded and therefore less interested in the broad-based education offered at liberal arts institutions. They often prefer larger universities with schools of engineering, architecture and business. Men also see bigger institutions as offering stronger athletic programs and a more exciting social life.

Given these considerations, O'Cain and his staff took a proactive approach to recruiting the Class of 2008 and adopted specific strategies to increase the number of male applicants to Furman — without affecting the overall academic quality of the class. Their efforts included:

- Expanding recruiting efforts in the university's primary market — the



Southeast, particularly the two Carolinas and Georgia. During the fall recruiting season, Furman admissions counselors visited 72 high schools in Georgia (compared to 27 the previous year) and 53 in North Carolina (compared to 37). During these visits, they targeted strong male students. In addition, the office participated in 140 College Fair programs, as opposed to 88 previously, and visited 200 more high schools than in the fall of 2002.

- Using programs and information sessions to emphasize how well Furman students do after they graduate. O'Cain says he often hears questions about whether a liberal arts school can properly prepare students for careers. For those skeptical parents — usually fathers — who wonder if a liberal arts college can meet their child's vocational needs, O'Cain says that personal testimonials are especially effective.

He cites an example of a meeting in Nashville, Tenn., where Ted Cain '74, an assistant football coach at Vanderbilt, responded to just such a question by offering a glowing report about what Furman has done both for him and for his son, Matt '05. "That's a great thing for any parent to do," says O'Cain.

- Emphasizing the balance between Furman's academic and extracurricular programs. As O'Cain points out, "We have

an outstanding academic reputation, but at the same time we have great intramurals, a thriving club sports program, eight fraternities and very successful Division I varsity athletics. College-age men find these things appealing."

How did these and other strategies impact recruiting for the Class of 2008? The number of male applicants increased by 5 percent, from 1,565 to 1,646, while freshman applications overall were up 2 percent (3,942 vs. 3,888). More significantly, the number of men who chose to enroll at Furman also rose 5 percent, meaning 45 percent of the Class of 2008 arriving on campus September 7 will be men.

"If we can continue to enroll a similarly high percentage of our male applicants, we'll be in good shape," says O'Cain. "An important element in recruiting is word of mouth. Once you enroll a real live person, their testimony to friends and acquaintances is more powerful than any marketing effort."

The ultimate goal, says O'Cain, is to maintain a male-female ratio that is consistently in line with the national average. "It's best for both the social and academic health of the campus," he says.

— Jim Stewart



## A tranquil Commencement

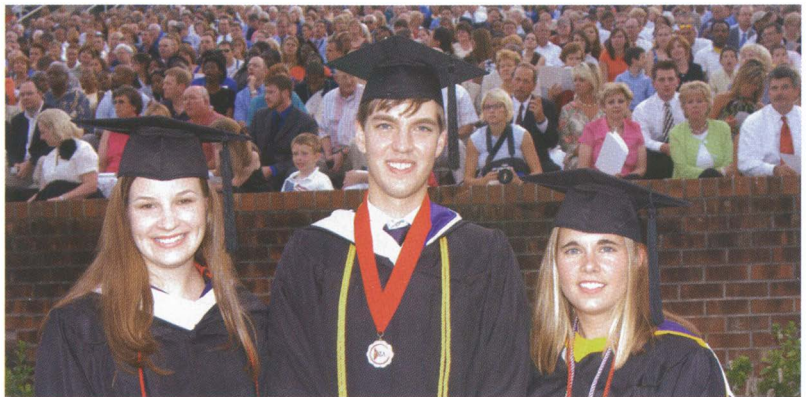
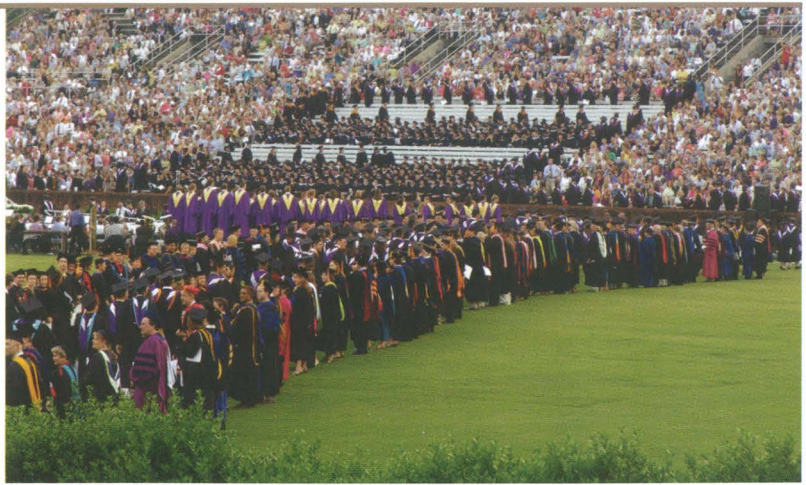
The evening of June 5 brought one of the calmest, most serene Commencement ceremonies in memory, as Furman ended its 178th year by awarding 622 undergraduate and 10 master's degrees.

This year's graduates, apparently determined to demonstrate the maturity that comes with their hard-earned status as alumni of an exemplary liberal arts institution, remained disarmingly sedate throughout the event, with few of the outbursts or mildly disruptive antics that had characterized more recent ceremonies. Why, they didn't even toss their hats when their degrees were officially conferred. As a result the proceedings rolled along with few interruptions, and first-year academic dean Tom Kazee read the graduates' names flawlessly in his debut on the demanding Paladin Stadium stage.

Joining Kazee in the spotlight were Jamie Forsh, a health and exercise science major from Douglasville, Ga., who delivered the Commencement address (see page 48), and chemistry major Rebekah Grace Potts of Birmingham, Ala. (see page 35). Potts (middle photo, right) received the Donaldson-Watkins Medal as the outstanding senior woman and shared the Scholarship Cup for highest academic average with Dorothy Jean Powers (middle left), an English major from Stone Mountain, Ga. Both completed their undergraduate studies with straight A's. Brandon Michael Inabinet (middle center) of St. Matthews, S.C., a *magna cum laude* graduate in communication studies and political science, received the Bradshaw-Feaster Medal as the outstanding male graduate.

Elizabeth Hughes Locke, president of The Duke Endowment, one of the nation's leading philanthropic foundations, was awarded an honorary Doctor of Humanities degree. For 80 years Furman has been a beneficiary of The Duke Endowment, which is based in Charlotte, N.C.

Four faculty members were recognized with Alester G. Furman, Jr., and Janie Earle Furman awards for meritorious teaching and advising. Teaching awards went to Maria Carmela Epright, assistant professor of philosophy, and Sean Patrick O'Rourke, associate professor of communication studies. The advising awards went to John Stevenson Armstrong, assistant professor of communication studies, and Judith Gatlin Bainbridge, professor of English.



## Furman launches exchange program with Japanese institution

Furman has established a student exchange program with Waseda University, one of the most prestigious universities in Japan.

According to Shusuke Yagi, professor of Japanese and Asian Studies, Furman will send up to two students per year to Waseda to study Japanese and Asian Studies for the full academic year. Furman will also accept up to two Waseda juniors for a year. The exchange program begins this fall.

Founded in 1882 and located in Tokyo, Waseda is one of Japan's leading private institutions of higher learning. It has more than 44,000 undergraduate students and 6,000 graduate students, and its international division offers 13 levels of Japanese language courses and almost 50 Asian Studies courses.

Yagi says the new relationship with Waseda will not affect Furman's existing exchange program with Kansai Gaidai University in Japan. "This will be an

exciting opportunity for Furman students to study at a prestigious university located in the largest metropolitan area in the world, especially for those students who want to study more advanced Japanese," he says.

Waseda currently has student exchange programs with a number of American universities, including Georgetown, the University of Chicago, Georgia Tech, Harvard Medical School and the University of Southern California.



## 2004 retirees leave distinctive records of exceptional serv



### Teacher/scholar: Blackwell stands as true exemplar

**O**n most Tuesday afternoons, Albert Blackwell can be found sitting on the floor, sharing stories and songs with elementary school children in one of Greenville's poor-

est neighborhoods. To these children he is simply "Mr. Albert."

The image seems odd for this gentle, modest teacher/scholar who holds degrees from M.I.T. and Harvard, has published five books and, until his retirement this spring after 33 years at Furman, taught courses with titles like "Religion and Culture" and "Religious Approaches to Meaning." But for his colleagues and students, the picture is resonant with Albert's character, of a piece with what and why he teaches.

More familiar are other images: On Wednesday evenings and Sunday mornings Albert is usually directing the adult choir at St. James Episcopal Church with demanding patience, explaining how the music illumines the text and reminding the singers that "music is the art of the ever so slightly."

During the academic year, Albert would arrive early for class and often write a "warm-up" question on the board. He would pull the desks into a circle, address the students as "Friends!" and invite their reflections on the assignment. Often he would enrich the discussion with music, poetry or slides of art work.

Visitors to his office were welcomed warmly to a room containing a modest collection of books, a Vermeer print and a Christmas cactus resting on the window sill. Together these images reflected a wise and caring teacher who delighted in his students and his vocation.

In professional circles Albert is highly regarded as a careful, thoughtful scholar with unusual breadth, as is evident in his formal education: a B.S. in physics from M.I.T. and a Ph.D. in religion from Harvard, all the while serving as assistant director of the Harvard Glee Club. His dissertation on Friedrich Schleiermacher, which became his first book, was one of the early contributions to the mid-century Schleiermacher renaissance. His most recent book, *The Sacred in Music* (1999), returns to the study of physics as a vital aid for understanding music theory and exploring the sacramental potential of music. On his last sabbatical Albert and his wife Marian, a gifted poet, collaborated to translate and paraphrase 20 Hebrew Psalms in English to fit the psalm tunes composed by Heinrich Schütz.

Albert's greatest legacy, however, is his teaching excellence, which was formally recognized in 1977 when he received the Alester G. Furman, Jr., and Janie Earle Furman Award for Meritorious Teaching. Students praise his thoughtful reflections, penetrating questions and uncanny ability to break down the most difficult topics into manageable segments. But most of all they remember his challenge that truth must be embodied in one's convictions and given concrete expression in deeds of compassion, justice and the creation of beauty.

— John Shelley, *Professor of Religion*



### Clayton guided growth of university's archival collections

**N**o doubt members of the James B. Duke Library staff were relieved this summer when they learned that J. Glen Clayton would delay his retirement until August

to help with the library's latest (and final) move.

After a year in the new Charlie Peace Wing, operating in tight quarters while the original part of the library was renovated, the staff was ready to return to normalcy — and enjoy the full benefits of their beautifully revamped and expanded surroundings.

They also knew that Clayton was an old hand at this moving stuff. After all, in 1995 he had supervised the move of the library at the International Baptist Theological Seminary across national borders — from Ruschlikon, Switzerland, to Prague in the Czech Republic. With that on his résumé, going from one area of a building to another would be a breeze.

Once the Furman move was complete, though, Clayton, special collections librarian and archivist since 1972, was ready to move on. "This was the perfect job for me," he says. "It's been a vocation and a calling; I was here at the right time. Now it's best to let someone else take things through the next phase."

That person will have a firm foundation from which to operate, thanks to Clayton's work with the Furman Collection and Archives, the Baptist Historical Collection and the South Carolina Collection. He has built Furman's archives, and especially its store of state church records, into one of the leading collections in the South. "It's what researchers, graduate students, cultural historians and genealogists come here to use if they're interested in South Carolina," he says.

A native of Roxboro, N.C., Clayton forged his interest in church history at Southern Baptist Theological Seminary. He had earned his undergraduate degree in psychology from Wake Forest and considered pursuing a career in pastoral counseling or hospital chaplaincy, but the influence of church historian E. Glenn Hinson spurred him in a different direction.

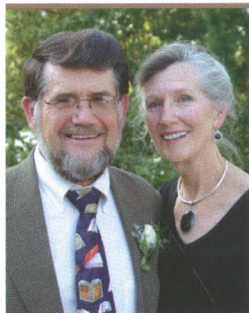
At Furman, Clayton carried on the work of his mother-in-law, Loulie Latimer Owens, the university's first special collections librarian. The endowment for the archives is named in her honor.

Admired for his warmth and graciousness, Clayton plans to continue working with the *Journal of the South Carolina Baptist Society*, which he founded in 1975, and to write about Baptist history. A skilled craftsman and avid gardener, he is a member of the Carolina Farm Stewardship Association, which promotes sustainable agriculture and organic farming.

He will remain active in missions work at Greenville's First Baptist Church, where his wife, Greer, is head of preschool ministries — and where "Mr. Glen" and his guitar often entertain the kids. His new, less structured schedule should also afford him more chances to visit his daughter, Susan Kinghorn '99, and her husband, Warren '97, who live in Durham, N.C.

— Jim Stewart

# ice to Furman



## Struggling students found care, support in Team Cloer

Since the 1970s, Elaine and Tom Cloer have been advisors, confidants and friends to Furman students struggling to cope with the demands of college life.

Tom arrived in 1974 as a professor of education and director of the Office of Special Services (now the Office of Academic Assistance). Elaine joined him as his full-time assistant in 1978, and together they built the office while providing counseling, assistance and encouragement to countless undergraduates.

Many students (and many more parents) have credited their success at Furman to the Cloers. When Tom won the Alester G. Furman, Jr., and Janie Earle Furman Award for Meritorious Advising in 2003, an administrator described him as “the person that we hear about, again and again, from grateful parents. He embodies the enthusiasm for learning, leavened with sensitivity for the individual, that helps define a Furman education for many of our students, alumni and parents.”

When Elaine won the Chiles-Harrill Award this spring for her contributions to students’ best interests, she received more than 30 nominating letters. As one said, “In her role as the organizer and voice of her office, she has personified ‘academic assistance’ to generations of students, and earned their love and respect.”

Now, however, Furman will have to find a way to get along without the Cloers. The couple decided to retire together at the end of the 2003-04 academic year.

“Team Cloer” actually began in the early 1960s, when Tom, a mountain boy from Stinking Creek, Tenn., and Elaine, a soft-spoken New Yorker, met as undergraduates at Cumberland College in Kentucky. They soon became an item, married in 1965 and, after graduating two years later, moved to Pickens County (S.C.) to begin their careers in education as teachers at Holly Springs Elementary School.

Elaine continued to teach while Tom earned master’s and Ph.D. degrees from Clemson and the University of South Carolina. When Tom came to Furman and his teaching and administrative responsibilities increased, Elaine began helping him during off hours. By 1976 she was working part time at Furman; the position became full time two years later.

While Elaine is the most recent member of the family to earn a prestigious award from Furman, Tom holds the distinction of being the only member of the faculty to have received both the Meritorious Teaching Award (he won in 1988) and the advising award. An internationally recognized expert on reading and literacy, with hundreds of publications and workshops to his credit, he was also the first South Carolina Teacher of the Year (1988).

No doubt the energetic couple will find ways to continue to collaborate in the field of education. But they’ll also have more time for each other and for family, which was scheduled to grow by one this summer with the arrival of their fourth grandchild.

— John Roberts and Jim Stewart

## Four join board of trustees; Howes appointed chair

Furman will welcome four new members to its board of trustees this fall, including Nobel laureate Charles H. Townes ’35.

Joining Townes for their first terms on the board will be B.K. Bryan of Greenville and Frank Shaw ’61 of Atlanta. Jack Guynn of Dunwoody, Ga., will return for his second term on the board. Sarah Belk Gambrell of Charlotte, N.C., has been elected a trustee emerita.

The new trustees will serve three-year, renewable terms. Trustees must go off the board for at least one year after a total of six consecutive years.

Bryan is the former owner of General Wholesalers Distributors and is currently head of WKB Enterprises in Greenville, a collection of bank and real estate investments. He has served on the Furman Advisory Council and the executive committee of the Richard Furman Society. He and his wife, Frances, provided the naming gift for the Bryan Center for Military Science, the home of Furman’s Army ROTC and military science department.

Guynn, a former head of the Furman Parents Council, is president and chief executive officer of the Federal Reserve Bank of Atlanta, which serves the Sixth Federal Reserve District and has branches in Birmingham, Jacksonville, Miami, Nashville and New Orleans. Guynn is responsible for all the bank’s activities, including monetary policy, bank supervision and regulation, and payments operations. He also serves on the Federal Open Market Committee, the chief policymaking body of the Fed.

Originally from Mullins, S.C., Shaw holds a sociology degree from Furman. After attending Southeastern Baptist Theological Seminary, he spent his early career as a minister at churches in South Carolina and Georgia. He is now owner and president of Shaw Executive Services, Inc., a health care management company in Atlanta. He and his wife, Susan, recently established the Ernesteen B. and W. Victor Etheridge Scholarship at Furman in honor of Susan’s parents.

Townes was awarded the Nobel Prize in 1964 for his contributions to the invention of the laser and maser. He is the recipient of countless national and international awards and honorary degrees and is currently a professor emeritus of physics at the University of California at Berkeley.

William B. Howes ’59 of Flat Rock, N.C., has begun a two-year term as chair of the board. Carl F. Kohrt, Jr. ’65 of Columbus, Ohio, will serve as vice chair, and Elizabeth Peace Stall of Greenville will remain as secretary.

Board members who completed their terms of service in the spring were Hardy S. Clemons of Greenville, Frances Smith Ligler ’72 of Potomac, Md., Robert H. Lutz, Jr. ’71 of Dallas, Texas, and Leighan R. Rinker of Atlantis, Fla. Rinker served as board chair for the past two years.



## New Southern voice

*Mindy Friddle scores with well-received first novel*

For 15 years Cutter Johanson, freckled, smart-alecky and hopelessly old-fashioned, lived in Mindy Friddle's head. When Friddle relocated to her hometown of Greenville in 1991, she stumbled upon a ramshackle Victorian off White Horse Road.

Cutter, she decided, could move easily into the decaying mansion of ragged carpets and water-stained wallpaper. Just like that, Cutter had her home — and Friddle had the setting for a novel.

*The Garden Angel*, published this summer by St. Martin's Press, is the story of 25-year-old Cutter's fight to save her family's crumbling estate from developers as love triangles and family crises whirl around her. The first novel by Friddle, 40, has drawn an enthusiastic review from *The Washington Post* ("funny, down-to-earth and steeped in a sense of place"), a starred recommendation from *Kirkus Reviews* ("a standout") and a spot on Barnes and Noble's coveted *Discover: Great New Writers* picks for fall.

Friddle, the daughter of alumni Ron Friddle '64 and Kay Vinson Friddle (M.A. '90), writes from muscular powers of observation developed as her military family moved from South Carolina to Germany to Washington, D.C., and back to Greenville in time for her graduation from Berea High. She majored in philosophy at Furman, savoring a senior-year class on women writers taught by professors Jane Chew, Elaine Nocks and Ann Sharp. It introduced her to an eclectic array of authors — international and regional, extravagant and minimalist.

"I think I was soaking it in, which is exactly what you're supposed to do as a Furman student," says Friddle, who graduated in 1986. "Later you process it."

She went on to report for newspapers in the eastern South Carolina towns of Hemingway and Florence, write technical articles for Fluor Daniel in Greenville, and work for a non-profit before landing her current job as on-line newsletter editor



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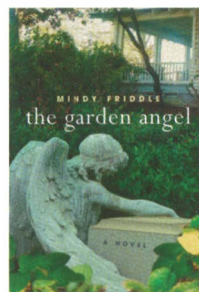
**Mindy Friddle has twice won the South Carolina Fiction Project sponsored by the Charleston (S.C.) Post and Courier.**

for Ernst and Young. Along the way, she earned a master's degree in teaching from the University of South Carolina and is finishing a Master of Fine Arts degree from Warren Wilson College in North Carolina.

Ironically, *The Garden Angel* was disqualified as her master's thesis when St. Martin's snapped it up for publication. That meant an extra year of school so Friddle could produce another 100 pages of fiction.

One of the beauties of *Garden Angel* is Friddle's description of a once vibrant mill town being swallowed by an invading city:

*But on our street, the houses were still standing and faintly grand — gussied up with fish-scale roofs, cupolas, and spires — although our kinfolk and relatives had long abandoned them. . . . Our house sat at the end of Gerard Avenue: coquettish and tattered, on tippy toes, it seemed, from the encroaching world.*



Word images are her gift, Friddle allows, just as plot or timing or dialogue may be another writer's. Her other major character is Elizabeth, the agoraphobic wife

of a philandering college professor — who has impregnated Cutter's sister. Reflecting on 12 years of marriage, Elizabeth is described as thinking "of rows of white eggs: smooth, identical, fragile, nestled in hollows of Styrofoam, one egg for each year they'd been together."

Intriguingly, Friddle varies the book's voice, alternating chapters between Cutter's first-person view and a third-person narration by Elizabeth. When Cutter wanders into Elizabeth's chapters, she, too, slips into third-person, as seen through Elizabeth's eyes. It's an ambitious technique, accomplished seamlessly.

Friddle, who shares Cutter's appreciation for "ruined finery," lives in a yellow-shingled house in Greenville's Earle Street Historic District with her second husband, Mike Cubelo, and 14-year-old daughter, Saga. "I just had to have a house with character," she explains. "Quirks and squeaks and glass doorknobs."

But it's the Sans Soucis — like the mill-town area of the same name, just down the road from Furman, which in recent years has undergone an extensive retail makeover — that need to be written about, she believes, for they are most in danger of being consumed by the new South.

"It's funny, because you used to call that whole area Sans Souci," she says. "They call it Cherrydale now. All the realtors say, 'Oh, Cherrydale! You can live in Cherrydale!'"

— Deb Richardson-Moore

# BOOK MARKS

Featuring summaries of books written by Furman faculty and alumni, as well as reviews of books recommended by faculty and staff as "good reads."

## RECOMMENDED

Stephen Kinzer, *All the Shah's Men: An American Coup and the Roots of Middle East Terror* (John Wiley & Sons, 2003). The author, a veteran *New York Times* correspondent, argues that we can understand the motivations of Islamic terrorists by reviewing the history of American foreign policy. He believes that the 1953 CIA-backed coup in Iran was an important trigger of Mideast animosity toward America. Guided by Kermit Roosevelt, one of FDR's grandsons, coup leaders replaced the popular Mohammad Mossadegh with Reza Pahlavi (who assumed the royal title "Shah"). More than two decades of repression followed, ending in 1979 with the overthrow of the Shah by Ayatollah Khomeini. As in Iraq, the majority of Iran's Muslims are Shiites. They stress the importance of just leaders and the potential need to accept communal pain and/or martyrdom to attain such leaders. American policymakers failed to grasp the influence of Shiite tenets in Iran. Unfortunately, we seem to be making the same mistake in Iraq, something this book makes disturbingly clear.

— Scott Henderson,  
Education

Richard G. Klein, *The Dawn of Human Culture* (John Wiley & Sons, 2002), and Ian Tattersall, *Becoming Human: Evolution and Human Uniqueness* (Harvest Books, 1999). Paleontology buffs will enjoy these books. Klein's work races through the first 5.9 million years of prehistory to focus upon the vast speech gap that evidently separated the Neanderthals from Cro-Magnons. Much the same story is told in Tattersall's book, which begins with the "creative explosion" of the Upper

Paleolithic era, considers ape intelligence, devotes two chapters to earlier hominids, and concludes with a thoroughly enjoyable drubbing of evolutionary psychology. Both Klein and Tattersall are "splitters" who believe that fossils with pronounced differences in shape should be classified as separate species (as opposed to "lumpers" who group fossils into few species and see most differences as variations within the same group). Both authors assign the Neanderthals to a separate species. Overall, Tattersall covers more ground, has more to say, and is less inclined to argue away inconvenient dates.

— Brian Siegel, Sociology

Derrick Bell, *Silent Covenants: Brown v. Board of Education and the Unfulfilled Hopes for Racial Reform* (Oxford University Press, 2004). The debate over *Brown v. Board of Education* (1954) continues. The author, an NAACP lawyer in the 1960s, has long been dissatisfied with the decision that mandated integration of the nation's public schools. Here he imagines a different *Brown* opinion: the Supreme Court upholds the old "separate but equal" standard but rigorously demands "equality." This, he argues, would have kept African-American students in well-functioning schools but would have required states to fund all schools equally. The students could then have reaped the benefits of same-race education without the stigma and bigotry that desegregation nurtured. Such a system also would have enabled both blacks and whites to begin to dismantle the "silent covenants," or the real barriers to racial justice in our society: agreements unspoken but clearly understood, convergences of powerful interests,

and involuntary sacrifices of rights made by the powerless. Many who celebrated *Brown*'s 50th anniversary will not agree with Bell, but his argument should stimulate debate over the continuing problem of racial justice.

— Sean Patrick O'Rourke,  
Communication Studies

George Crile, *Charlie Wilson's War: The Extraordinary Story of the Largest Covert Operation in History* (Atlantic Monthly Press, 2003). This is the story of America's covert support of the *mujadiheen*, the loosely knit army of Afghani tribesmen who, with the help of the CIA, defeated the Soviet army in the 1980s. The story revolves around two unlikely Americans: Wilson, a "whiskey-swilling, skirt-chasing," anti-communist zealot and Democratic congressman from East Texas, and Gus Avrakotos, a foul-mouthed, street-tough son of Greek immigrants from Aliquippa, Pa., who ran covert CIA operations against the communists, first in Greece in the 1960s and then in Afghanistan. The book, at its best when discussing the *real politik* of the Cold War, offers a detailed account of the protagonists' machinations and manipulations of Congress, the CIA and international relations. Although Wilson conducts the "most successful covert operation in history," Crile shows in his epilogue that by the 1990s the freedom fighters Wilson assisted had transformed into the Islamic fundamentalists we know today as the Taliban and Al-Qaeda.

— Richard Letteri,  
Communication Studies

## FROM ALUMNI

Robert Harris '76, *When Good People Write Bad Sentences: 12 Steps to Better Writing Habits* (St. Martin's Griffin, 2004). The publisher touts this book as "help for writers who can admit they have a problem." Its author, who has written 10 books ranging from technical guides to a novel, is a longtime technical/business writer who lives in Durham, N.C. The book offers a list of warning signs that could indicate that you suffer from malediscipline, or addiction to bad writing. It goes on to

identify common writing mistakes (wordiness, formality, incompleteness) and provides guidelines on how to fix them. As Harris says in the introduction, "This book challenges readers to take an objective look at themselves and their writing and begin the process of change." Visit his Web site, [www.rhauthor.com](http://www.rhauthor.com).

Rob Suggs '78, *The Suggs Book of Family Tales: Real Life Stories of Wit and Wisdom* (InterVarsity Press, 2004). According to the publisher, this book takes a look at "an ordinary family, probably a lot like your family. . . . What's extraordinary is Suggs' spiritual perception and story-telling ability. The result is a winsome collection of tales filled with laughter, love and profound meaning that sheds new light on God's precious gift of family." The author, a freelance writer, illustrator and cartoonist in Atlanta, has won Evangelical Press Association awards for writing and for illustration. He contributes cartoons to *Leadership Journal* and is creator of the comic strip "Brother Biddle." His other books include *It Came from Beneath the Pew* and *Preacher from the Black Lagoon*. Visit his Web site, [www.robsuggs.com](http://www.robsuggs.com).

## FROM FACULTY

Richard E. Prior, *The Everything® Learning Latin Book* (Adams Media Corporation, 2003). Latin is not a dead language! Modern-day English owes much to its Latin roots, and the publisher states that this book "builds upon what you already know about English to teach you the basics of Latin grammar, usage, and vocabulary. Through step-by-step instruction, practical exercises and cultural information, *The Everything® Learning Latin Book* will have you speaking like a Roman in no time" — while developing a stronger vocabulary and a better understanding of grammatical principles. The author is associate professor of classics at Furman; the book is part of the *Everything®* how-to series.



## New look

### Bronze replica of Doughboy in the works

People strolling around the Furman lake in recent months have no doubt been wondering, "Where's the Doughboy?"

The venerable Furman landmark, located at the south entrance to the lake, had been ravaged by vandalism in recent years; its face had been painted and its left (rifle-wielding) hand had been chopped off. Had it now been damaged beyond repair?

No. The Doughboy, originally erected on the downtown campus in 1920 as a tribute to Furman students who died during World War I, is safe, says Jeff Redderson, associate director of facilities services. The copper statue was removed in March and is in storage while Furman raises funds to provide an identical bronze replica that will be placed on the current statue's pedestal along a pathway between Paladin Stadium and the Lay Physical Activities Center/Bryan Center for Military Science.

In recent years, bronze statues of university benefactor Alester G. Furman, Jr., and his great-great grandfather (and university founder) Richard Furman have

been installed, respectively, at the administration building and at Cherrydale, the university's Alumni House. Redderson says that bronze statues are more durable than copper ones.

If fundraising goes well, the Doughboy project could be completed in time for a Veterans Day (November 11) dedication. Redderson says that the university also plans to display the original Doughboy at a location to be determined.

Furman's Doughboy is one of numerous such statues that were erected throughout the nation during the 1920s to commemorate veterans of World War I. According to Redderson, Furman's version is significant because it was the second manufactured and the first dedicated in the United States.

During World War I, the term "dough-boy" was used by European soldiers to describe their U.S. allies. At the time many U.S. soldiers filtered into the European campaign from a training base in Texas that was known for its white adobe soil. The soil often covered the U.S. soldiers



CHARLIE REGISTER

and discolored their uniforms, giving them a doughboy-like appearance.

Five hundred and forty Furman men, almost the entire student body of the then all-male school, volunteered for service during "The Great War." Pvt. Thomas J. Lyon, Jr., Pvt. Otis Brodie, Lt. John H. David, Lt. Charles S. Gardner, Sgt. Charles E. Timmons, Jr., and Cpl. Talmadge W. Gerrald died during the war. Their names are inscribed at the base of the statue. In the late 1940s a plaque bearing the names of Furman students lost during World War II was added to the base.

— John Roberts

## Ching, Svec earn Fulbrights; Matthews receives AAUW fellowship

Furman professors Erik Ching, Michael Svec and Shelly Matthews earned prestigious honors this spring.

Ching, an associate professor of history, and Svec, an associate professor of education, were awarded Fulbright scholarships to teach and do research internationally in 2005. Ching will spend the spring and early summer of 2005 teaching at the National University of El Salvador in San Salvador. Svec will lecture in science education at Palacky University and Ostrava University in the Czech Republic during the winter and spring of 2005.

The Fulbright Program, the U.S. government's flagship program in international educational exchange, is named in honor of the late Sen. J. William Fulbright of Arkansas. The Fulbright Scholar Program sends 800 scholars and professionals each year to more than 140 countries, where they lecture or conduct research in a variety of academic and professional fields.

Ching teaches Latin American and African history. He is a graduate of Pacific Lutheran University and holds M.A. and Ph.D. degrees from the University of California at Santa Barbara. He received the 1999 Conference on Latin American History Prize for an article he co-authored on "Indians, the Military and the Rebellion of 1932 in El Salvador."

Svec previously taught at Rockhurst College in Missouri and in the QUEST Program at Indiana University. He is a graduate of the University of Illinois and holds a Ph.D. in science education from Indiana. He is a board member of the Roper Mountain Science Center in Greenville and president-elect of the Southeastern Association for Education of Science Teachers.

Matthews, an associate professor of religion, has been awarded a 2004-05 Postdoctoral Research Leave Fellowship from the American Association of University Women (AAUW). The AAUW

awarded 20 postdoctoral fellowships this year in the arts and humanities, social sciences and natural sciences.

The \$30,000 award will provide funding to help Matthews complete a manuscript on violence in the New Testament and early Christian literature titled *Whose Blood on Which Hands? Violence in the Early Jesus Tradition*. She will spend the 2004-05 school year as a scholar in residence at the Institute for Ecumenical and Cultural Research in Collegeville, Minn.

Matthews, who like Ching and Svec has taught at Furman since 1998, is a graduate of the University of North Dakota. She received her master's degree from Boston University School of Theology and a Th.D. from Harvard Divinity School. She is the author of *First Converts: Rich Pagan Women and the Rhetoric of Mission in Early Judaism and Christianity* (Stanford University Press, 2001).

## Back-to-back titles

*Rugby's popularity at Furman matched by its success*

Ten years ago, mention of the word "rugby" would likely have elicited little response on the Furman campus.

Few people would have known much about the sport, which at first glance seems similar to football — and yet is played on a "pitch," and features "props" and "hookers" and "scrumhalves" engaging in assorted "mauls" and "rucks" and "scrums."

Thanks to the Rugby Club, however, the sport has developed a high profile at Furman. In fact, since Furman first fielded a team in 1998, rugby has grown into the university's most successful — and most popular — club sport, with up to 50 men and women taking part each year.

College rugby teams from Florida to Maine are no doubt noticing Furman as well, especially after the men's team claimed its second straight East Coast Division III title this spring. Competing in Philadelphia, Furman defeated Bentley College of Massachusetts 32-7 in the semifinals and then used a late "try" to outlast Central Connecticut State 14-5 in the championship game — and polish off a 10-0 season.

"They had a good team," says co-captain Peter Chamberlain '04. "That was without a doubt the most difficult game of the year. It was back and forth the entire game, and it wasn't sealed until the very end."

Furman had advanced to the Final Four by defeating Duke 18-17 in the Rugby South Division III title game. The Furman women also advanced to the Rugby South championship game before falling to Central Florida 24-7.

Back-to-back championships on any level are rare. They are particularly satisfying for a club team, in which participation is completely voluntary. Chamberlain says, "There is a commitment to rugby that isn't there with most other club sports and activities at Furman. Most require a couple of hours a week for a few days, but for rugby it's a greater time commitment."

The Furman rugby teams, members of the Palmetto Union, compete during both the fall and spring. Matches are played on weekends, and the teams typically practice two times a week.

And besides having to fit rugby into their schedules, most team members have never played the sport before, so although they may bring with them athletic skills



ALYSSA THORNTON



ALYSSA THORNTON



LEE EVANS

**Final Four scenes. Top left: A scrum in the championship match with CCSU. Left: Furman and Bentley battle during a lineout. Above: A CCSU player beats Will Brantley to the ball.**

honed in such sports as soccer or football, they still have to learn rugby terminology, rules and strategy.

John Roberts, director of internal and electronic communications at Furman, is the head men's coach and helped found the club with alumni Marc Roberts '99 (no relation) and Danielle Snoddy '01. The coach says, "One of the greatest joys for me is watching students pick up this bloated football and not know what it is, but by the end of winter term they've mastered the basic concepts and are running fairly intricate plays."

Roberts praises his players for their dedication and intelligence. "The kids here are very coachable," says Roberts, who played rugby as an undergraduate at the University of South Carolina (a Division II team) and later with men's club teams in Augusta, Ga., and Greenville. "They don't have a whole lot of time to devote to the sport because of academics, but with the time they do have, we try to be as organized as we can."

"We seldom move onto anything new before they've mastered the basics, and we try to build on things each week. By the spring season, we should be hitting on all cylinders and preparing for the playoffs. That's when we typically peak."

As Roberts writes on the rugby Web site ([www.furman.edu/furugby](http://www.furman.edu/furugby)), the sport's popularity is growing in the United States but still has a long way to go to match its worldwide appeal. He says, "Rugby has the elements that many Americans crave. Like basketball

and soccer, the game is fast-paced. And it has the hard hitting of football and hockey, only without the pads."

One of the major benefits of the rugby program is the camaraderie it fosters among current and former players, family and friends. When the men traveled to Philadelphia for the championship semifinals and finals, 15 members of the women's team, more than a dozen parents and several rugby alumni made the trip with them. Attendance at some games on the Furman pitch, located above the Minor Herndon Mickel Tennis Center and Irwin W. Belk Track Complex, has reached as many as 400 people.

Rugby alumni qualify to be members of the Furman Rugby Old Guys/Girls (FROG) and are invited back each fall at Homecoming for a reunion and a match against the current squad. FROG members also receive an annual newsletter and periodic e-mail updates on the teams' progress.

So perhaps it's no wonder that rugby is such a popular club sport at Furman. It's successful, it's different, and it promotes a strong bond among players old and new.

Will the Paladins enjoy a three-peat in 2004-05? Visit [www.furman.edu/furugby](http://www.furman.edu/furugby) this fall for information and results.

—Jessica Taylor '07

*The author is editor of The Paladin for 2004-05.*



# Furmanphilanthropy

## Hollingsworth Initiative

*Program encourages donors to increase support*

Furman is a national leader in higher education, but it has one conspicuous weakness: less than adequate financial resources in contrast to its quality and aspirations — and in comparison to its peer institutions.

To help address this need and to strengthen Furman's per capita giving and endowment per student, the Furman board of trustees has launched a new plan in conjunction with the board of the Hollingsworth Funds, Inc., which was established by John D. Hollingsworth '39.

Hollingsworth, of course, was the Furman alumnus and Greenville businessman who built his family business into one of the world's leading manufacturers of metallic carding machines, which are used to separate textile fibers. Upon his death in late 2000, he left his multimillion-dollar estate — whose actual value has yet to be determined because much of its worth is in property — to the Hollingsworth Funds, Inc., a non-profit organization.

He directed that 45 percent of the annual net income from the Hollingsworth Funds' assets be distributed to Furman each year, with the Greenville County YMCA and Greenville County charities to receive the rest of the income. The Hollingsworth Funds' seven-member board of directors manages the assets and distributes the funds.

When the Hollingsworth bequest was announced in early 2001, Furman president David Shi commented, "Mr. Hollingsworth wanted his gift to excite Furman supporters to work even harder on behalf of the university. We cannot let him down."

Now, Furman supporters have the chance to follow through.

Beginning this year, Furman and the Hollingsworth Funds have agreed to apply a portion of the proceeds from the Hollingsworth bequest toward encouraging higher levels of support among Furman alumni and friends. Named the "Hollingsworth Initiative," this program rewards donors who increase their annual gift to the university or who establish a new endowment.

■ For annual giving, the Hollingsworth Initiative works as follows:

The donor makes a three-year pledge

of membership at the next highest gift society level (starting with the Presidents Club, with a giving level of \$1,000), and the Hollingsworth Initiative augments the funding for the first two years.

For example: When a donor who in previous years has given \$500 or less pledges to join the Presidents Club and gives \$500, the Hollingsworth Initiative will match the contribution with \$500 — thus immediately qualifying the donor for membership in the Presidents Club.

In the second year of the pledge, the donor gives \$750 and Hollingsworth gives \$250. For the third year, the donor gives the normal amount to qualify for the Presidents Club — \$1,000.

A similar step-up program is in place for new memberships in the Trustees Circle (donors of \$2,500 and up), Founders Circle (\$5,000+), Richard Furman Society (\$10,000+), Partners (\$25,000+), and Order of the Paladin (for Paladin Club donors of quarter, half or full athletic scholarships).

The first alumnus to take advantage of the annual giving option of the Hollingsworth Initiative is David Block '02, who works with Diversified Coating Systems in Greenville. He says, "Since I just graduated two years ago, I thought it would be several more years before I could join one of the upper gift societies, but through the Hollingsworth Initiative, I am now a member of the Presidents Club.

"I'm proud to have a voice in making Furman an even better place, and the best part is that the Hollingsworth Funds pays half of my Presidents Club membership the first year and one-fourth the second year. Through the three-year pledge, I know what my commitment is and I have time to plan."

■ For new endowments, the Hollingsworth Initiative acts as follows:

The donor pledges to create a new endowment to support a specific program or academic department. The pledge is payable over a period of up to five years.



NADEZHDA SAVOVA

**David Block '02 is the first alumnus to take advantage of the Hollingsworth Initiative's step-up program.**

Starting with the end of the first year, the Hollingsworth Initiative will complement the annual contribution until the endowment is fully funded by the donor in the fifth year.

For example: A donor commits \$100,000 for a new scholarship, pledging payments of \$20,000 a year for five years. Thanks to complementary funding by the Hollingsworth Initiative, a full \$4,500 (at Furman's traditional spending rate of 4.5 percent) is available to support the student scholar at the end of the first year (rather than only \$900, which would be the income from the first year's gift of \$20,000). As the endowment grows by virtue of new pledge payments, its income grows, and less funding is required from the Hollingsworth Initiative. By the end of the fifth year, the scholarship is completely funded by the proceeds from the donor's gift.

A pledge of \$25,000 provides funding for a new departmental endowment; \$100,000 supports an endowed student scholarship; \$500,000 funds a faculty chair; \$1 million supports an endowed professorship; and \$2 million provides a distinguished professorship.

For a detailed and personalized example of how the Hollingsworth Initiative may assist you to attain membership in a gift society or to create a new endowment, please call (864) 294-3436 or e-mail [don.lineback@furman.edu](mailto:don.lineback@furman.edu).

— **Don Lineback**  
*Vice President for Development*

## Kohrt Challenge

*Trustee's commitment generates strong response from alumni*

It began with a dream to become president of Furman's freshman class in the fall of 1961.

Forty-two years later, the dream became much bigger. Carl Kohrt '65 and his wife, Lynne McCartney Kohrt, dreamed of significantly enhancing Furman's academic program through a fund-raising challenge for their fellow alumni.

A *magna cum laude* graduate in chemistry, Carl had learned firsthand during his student years about the value of intensive laboratory experiences and one-on-one contact with professors. In short, he participated in engaged learning before it had a formal name, and he came to understand the importance of stretching his academic experience beyond reading, note-taking and memorization.

His success at Furman helped propel him to an outstanding business career in which he served as chief technical officer at Eastman Kodak before assuming his present job as president and CEO of Battelle, a global technology development and commercialization leader.

When Carl joined the Furman board of trustees in 2002, he envisioned making possible for today's students the kinds of experiences he enjoyed as a Furman undergraduate.

The opportunity came in the fall of 2003, when Carl and Lynne initiated the Kohrt Challenge and asked Furman alumni to join them in supporting the university's engaged learning programs. Today, thanks to the Kohrts' \$1 million commitment and the response it generated, engaged learning at Furman is stronger than ever.

When it ended June 30, the Kohrt Challenge had produced exceptional results:

■ A total of 10,904 alumni accepted the challenge by sending a gift to Furman during the 2003-04 fiscal year. For each individual and each alumni couple who made a donation, Carl and Lynne added \$100 to support engaged learning at Furman.

■ Because the challenge encouraged alumni to increase their level of giving, Furman noted significant growth in gift society memberships. The Gateway, Bell Tower and Fountain 500 societies (for donors of gifts ranging from \$100 to \$999) experienced an overall increase in membership of 7.4 percent. The Presidents Club, Trustees Circle, Founders Circle and Richard Furman Society (for contributors of \$1,000 to \$10,000+) grew by a combined 3.5 percent.

■ The Kohrt Challenge encouraged alumni to make their gifts earlier in the year. More than 6,300 alumni responded by sending gifts by December 31.

As the members of the Class of 2008 begin their college careers this fall, they will delve into one of the strongest and most engaging academic programs in the nation. They're fortunate that in the fall of 1961, a freshman dared to dream when he arrived at Furman — and never stopped dreaming.

The Class of 2008 and their successors will have a better experience at Furman because of Carl and Lynne Kohrt and all the alumni who chose to join them in their dream.

— Wayne King  
*Director, Annual Giving*

## New Web page offers in-depth look at expanded giving opportunities

There's something about Furman that keeps alumni and friends returning year after year, either in person or through their financial support, or both.

Perhaps it's the recollection of walking down the tree-lined Furman Mall and enjoying the tranquil beauty of the campus, or the remembrance of times spent learning and living in an environment steeped in intellectual stimulation.

More likely, though, it's the people — the friends, faculty and staff — who make the Furman experience as memorable as it is.

Many have asked how they can endow a scholarship or support the work of a professor or academic department — and thus help a new generation of students enjoy the same kind of college experience they had. In discussing ways to make these wishes reality, the Furman administration received simple but profound words of advice from former trustee David Garrett '42: "Remember, giving is from the heart." And from trustee emerita Sarah Belk Gambrell: "Make it easy to give."

Working from these basic concepts, Furman has established a Web page that explains how alumni and friends can easily reconnect with their college experiences, make a major difference in the life of a student, encourage and enhance exceptional teaching and, if they wish, leave their own legacy by endowing an area of the campus in honor of a friend or loved one.

Visit [www.furman.edu/giving/giveopps.htm](http://www.furman.edu/giving/giveopps.htm) to find details about a number of new opportunities to support Furman, including such programs as:

■ The Hollingsworth Initiative (see story, opposite page), which will jump-start new endowments and help fund new memberships in the university's leading gift societies.

■ The Living Tribute Program, a plan to plant trees and add benches to the campus landscape in honor of special individuals.

■ A way to match, dollar-for-dollar, new endowment gifts to support the Furman Advantage Program of student research, internships and teaching assistantships; faculty research and development; the Richard W. Riley Institute of Government, Politics and Public Leadership; or the Center for Collaborative Learning and Communication, which provides technological support and instruction to faculty and students. A gift of \$10,000 or more toward any of these programs is immediately doubled, forming a permanent endowment that may be named to honor a loved one or faculty member.

■ Family Funds, which are designed for maximum flexibility. A donor contributes to the fund according to his or her own timing, and distributions are made from the fund upon the recommendation of the donor to the Furman board of trustees, which makes the final decision.

*For details on these and other commemorative giving opportunities, visit [www.furman.edu/giving/giveopps.htm](http://www.furman.edu/giving/giveopps.htm) or contact Don Lineback, vice president for development, at (864) 294-3436 or by e-mail, [don.lineback@furman.edu](mailto:don.lineback@furman.edu).*



# Furmanathletics

## Perfect chemistry

*Furman the right fit athletically, academically for Potts*

Four years ago, when it was time for Rebekah Potts to make a decision about college, she narrowed her choices to Furman and Auburn University.

Furman offered her the primary things she was looking for in a school, including strong academics and an opportunity to run on the cross country team. But Auburn had always been her family's school of choice.

"Aunts, uncles, cousins, grandparents, parents — just about everybody had gone to Auburn," says Potts, who was the valedictorian at Briarwood Christian High School in Birmingham, Ala. "But I really liked Furman and I knew Auburn was too big, especially if I wanted to run competitively."

So Potts decided to break with family tradition and attend school in South Carolina. And while Auburn may not be aware of what it lost when she chose to go elsewhere, Furman is certainly aware of what it gained.

Potts not only got her chance to run with the Furman cross country and track teams, but she succeeded admirably. She was a member of the 2000 Southern Conference Cross Country Championship team and captained the cross country, indoor track and outdoor track teams her junior and senior years.

She also proved to have few peers



PATRICK COLLARD

**Rebekah Potts has been a four-year standout in cross country and track.**

in the classroom. She majored in chemistry and, at graduation in June, was one of two students to receive the university's Scholarship Cup for maintaining a perfect 4.00 grade point average. In addition, she



received the Donaldson-Watkins Medal for General Excellence, given by the Furman faculty to the outstanding woman in the graduating class.

Those honors, however, were just two among many. Potts also received the NCAA PostGraduate Scholarship, was awarded both the Southern Conference's Dorothy Hicks Scholarship and Furman's Elizabeth Blackwell Academic Achievement Award, and was a finalist for the NCAA's prestigious Walter Byers Scholarship. She was also named to the 2004 CoSIDA Women's Cross Country/Track and Field Academic All-America third team.

Potts admits that it was not easy to participate in a sport that is in session throughout the school year — cross country in the fall, indoor track in the winter and outdoor track in the spring — and maintain a 4.00 average in one of the most demanding majors at Furman. She was at practice about three hours a day, attended meets on weekends, and studied pretty much the rest of the time.

"You just have to be careful with your time," she says. "I didn't watch much television."

Even though she is now a Furman alumna, Potts spent the summer doing research in the chemistry department, working with professor John Wheeler as a Beckman Scholar. She will head to the University of North Carolina School of Medicine this fall, where she will begin work on dual M.D. and Ph.D. degrees. If all goes as planned, she will finish in about eight years.

"I really like the research side of medicine," she says, explaining why she chose to pursue two degrees. "I like the idea of being able to see both the medical side and the research side of a specific medical problem. You can bring those two sides together and be able to address the problem more efficiently as a result."

— Vince Moore

## Women earn 12th straight Germann Cup

The Southern Conference might want to consider renaming the Germann Cup the Furman Cup.

In 2003-04, for the 12th year in a row, Furman earned the Germann Cup for fielding the best all-around women's athletic program in the league.

Points for the Germann Cup are awarded on a 12-11-10-9-8-7-6-5-4-3-2-1 basis. The Furman women's teams combined for 84 points to edge Tennessee-Chattanooga by one point. College of

Charleston and Appalachian State tied for third.

Furman earned conference titles in soccer, tennis and golf and second place finishes in cross country and basketball. Chattanooga posted league titles in basketball and softball while finishing second in indoor track and third in volleyball and outdoor track.

The Germann Cup, first awarded in 1987, is named after former league commissioner Ken Germann.

## National security

Less than three months after breaking her left arm and collarbone and shattering her right knee and ankle in a motorcycle accident, Pam Truman threw the shot put in a track meet at Furman — and finished third.

Her right leg and left arm were in casts, but she threw right-handed and didn't see any reason not to participate in the meet. "It was awkward, but I was able to kind of shuck it out there," she says. "People got a kick out of it."

That sort of resolve served Truman well during her four years at Furman. In addition to throwing the shot put, discus and hammer for the track team, she graduated *cum laude* in June with majors in chemistry and biology.

She has been accepted to the highly selective Biodefense Graduate Program at George Mason University, which "provides students with a background in the foundations of science and technology of biodefense, threat analysis of biological weapons, and the specialized areas of medical defense." The program, the only one of its kind in the country, was created two years ago in response to the rise of terrorism around the world. It accepted just 70 students for next year's class.

"When I found out about it, I knew it was exactly what I wanted to do," says Truman, who will begin work toward a Ph.D. in biodefense this fall. "Working to detect biological and chemical weapons, learning about terrorist groups and how they operate — it appealed to me."

Truman was born and raised in Germany and didn't move to the United

### *Truman accepted to select biodefense program*

States until she was 13, when her father, William, retired from the Army. The family settled in Simpsonville, S.C., and her mother, Astrid, a native of Germany, came to Furman in 1997 to work as a computer drafter in the Department of Facilities Services.

Truman had no problem adapting to life in America. She excelled at Greenville's Southside High School, both academically and athletically. She graduated fifth in her class, was elected to the National Honor Society and received the National Achievement Academy Award for Excellence in Mathematics.

Athletically, she was state champion in the shot put her senior year and was runner-up in the discus. She also played basketball and soccer, and was named All-Region AAA in both sports. She received a Wendy's High School Heisman Award for Scholastic and Academic Excellence in the spring of 2000.

Truman's success was no doubt aided by the fact that, while she spoke fluent German, she also spoke perfect English.

"My dad always spoke English to me as I was growing up," she says, "and since we moved around Germany so much I attended American schools. So it was easy for me to be fluent in both languages."

She was offered a scholarship to Vanderbilt University but decided to stay close to home and attend Furman. She joined the school's ROTC program, but the motorcycle accident her freshman year forced a change of plans. She considered the possibility of medical school and even law school, but there was nothing left to



CHARLIE REGISTER

***Pam Truman will be part of the second class in the George Mason program.***

consider once she learned about George Mason's biodefense program.

As for those injuries she suffered from the motorcycle accident, they never completely healed and she wasn't able to compete on the track team her senior year. It was her own fault, she says, for coming back too quickly and trying to do too much.

"But that's OK," she says. "I realized I wasn't going to be a professional shot putter or a professional discus thrower. It was time to focus on what I was going to be."

— Vince Moore

## 2004 marks Falcons' final training camp at Furman

This summer marked Furman's sixth and final year as the preseason training camp home of the National Football League's Atlanta Falcons.

On July 1, the Falcons announced plans to move their summer camp to their headquarters in Flowery Branch, Ga., beginning in 2005. The club has held summer camp at Furman since 1999.

"We have had a great experience at Furman and value our relationship with President David Shi and his administration," said Arthur M. Blank, owner and CEO of the Falcons, in a press release.

"This decision was driven by our desire to bring the Falcons' training camp closer to our fans and families and to allow more of them to participate in this exciting event."

The team plans to build dormitories and expand the dining facilities on their Flowery Branch property. Construction is scheduled to begin this fall.

Furman officials were not surprised by the decision, as Blank had kept them informed about the Falcons' plans.

Having the Falcons on campus brought outstanding benefits to Furman,

both in terms of facility upgrades and publicity. As football coach Bobby Lamb told *The Greenville News*, "We had a great relationship with the Falcons. Their staff has been great to us, and you can't put a price tag on what it means to the university and the city to have us on ESPN and all the other outlets every time they run an interview from training camp."

This summer's training camp at Furman lasted from July 27 to August 19. The Falcons, who finished with a 5-11 record in 2003, had previously trained at Furman from 1971-78.



# Furman alumni news

## A legacy of service and stewardship

One of the most rewarding aspects of my role as president of the Alumni Association is the opportunity to witness the many ways in which alumni give back to the university, long after leaving the idyllic setting we called home for four years (give or take a year, in some cases!).

Although it is rewarding, it is hardly surprising to learn that so many give so much. Furman is increasingly recognized as an extraordinary place that stretches the mind while nurturing the soul. It is known as an institution that produces people who are more likely to be leaders than followers, who possess remarkable skills and abilities combined with a keen sense of responsibility to use them wisely, and who are known for giving back to the communities in which they live and work.

This legacy of service and stewardship is an inherent part of the Furman experience. It is a legacy that many other institutions of higher learning cannot even dream of, much less come close to achieving.

Among colleges and universities, one important measure of "customer satisfaction" is the degree to which alumni support the needs of alma mater. If alumni believe in what the institution stands for and where it is headed, their positive feelings will be reflected in their commitment to give financially.

At Furman, we can take pride that for the past six years, more than 50 percent of our approximately 26,000 alumni have made financial gifts to the university. This remarkable statistic places us in the top 10 among colleges and universities with more than 20,000 alumni.

In addition, alumni contribute to Furman in other highly personal



and deeply meaningful ways. From being actively involved in one of the more than 50 Furman Clubs throughout the world to volunteering with the Furman Admissions Network (FAN), serving as a head or class agent, helping to organize class reunions or other events, acting as a career resource for students. . . . The list goes on indefinitely.

But while we are doing many things well, we cannot risk becoming complacent. One of my goals is to strengthen the connections between alumni and current students. And as we explore ways to enhance the value of the Furman experience, I encourage you to continue to give generously of your financial resources and invite you to consider new ways to give your time, wisdom and expertise to others within the Furman family. Rest assured that your investment will be multiplied many times over.

Sir Winston Churchill said it well when he wrote, "We make a living by what we get. We make a life by what we give."

Thank you for all you give to Furman. May your life — and the lives of those you influence — be profoundly enriched because of your continued commitment to this outstanding university.

— Jim Simkins '78

*A Greenville businessman, the author recently began his two-year term as president of the Alumni Association.*

## ALUMNI ACTIVITIES

### Welcome Tina Ballew!

Next time you call or visit the Cherrydale Alumni House, you'll be greeted by a new face and voice. Tina Hayes Ballew '78 has joined the Alumni Office as departmental assistant.

Tina previously served as guest coordinator for the Admissions Office, setting up visits for thousands of prospective students each year. And she comes from exceptional Furman stock: Her mother, Evelyn Hayes, is a Furman grad, and her son, Greg Dover, is a rising senior.

A Greenville native, Tina is married to Joe Ballew and loves spending time with her family, which includes two stepsons and a granddaughter.

Tina replaces Lu Gillespie, who retired in late March after 17 years at Furman, the last 15 as departmental assistant. Lu made many friends for Furman with her cheerful demeanor and helpful attitude. She looks forward to spending more time with her four sons, three grandchildren and husband, Carroll, who retired from Furman in 1994 after 29 years on the Facilities Services staff.

### Furman Clubs heat up the summer

How do incoming freshmen meet fellow students, network with alumni from their area and enjoy good food — all in one setting? At Furman Summer Send-offs! This year Furman Clubs sponsored more than 20 send-offs across the country for the Class of 2008.

The largest Furman Club event of the summer was the Atlanta picnic, which was held at Turner Field, home of the Braves. Furman folks had the entire facility to themselves, and everyone enjoyed touring the Braves' dugout and museum, a cookout dinner and a performance by the Furman Singers.

Furman Clubs will sponsor a number of football tailgates this fall. On September 11, alumni in Birmingham, Ala., will gather for the Paladins' game against Samford, and Furman faithful in Pittsburgh will get together Friday, September 24, before the Paladin-Panther clash the next day. The Triad (N.C.) Furman Club will tailgate at the Elon game October 23, and a tailgate event and canned food drive will highlight the Furman-Wofford clash November 23.

### Ski trip set

The first Furman Alumni Association-sponsored ski trip to Park City and The Canyons, Utah, will be held March 2-6. Prices begin at \$1,000 per person (based on double occupancy) for four nights at the Sundial Resort located at The Canyons. Price includes lodging, ground transportation, three full day lift tickets, two after-ski happy hours, NASTAR ski race, and a sleigh ride five-course dinner. E-mail [melanie.krone@furman.edu](mailto:melanie.krone@furman.edu) or call her at 1-800-PURPLE3 to find out more.

## CLASS NOTES SUMMER 04

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### Next reunion in 2005

**Dill Blackwell** of Travelers Rest, S.C., has been re-elected to a six-year term as chair of the Legislative Audit Council, which he has led since 1995. The council conducts investigations and audits of state agencies upon request of the South Carolina General Assembly.

53

### Next reunion in 2008

**Frank Russell** has retired after a 49-year career as an educator in Greenwood (S.C.) County, the last 36 of which were spent as director of the Greenwood County Career Center.

54

### This year is reunion!

**Bob Townes** is listed in the 110th edition of *Who's Who in America*. He has been appointed to the Mars Hill College President's Board of Advisors.

59

### This year is reunion!

**Oran and Charlotte DeVinney '60 Nabors** were honored during Ministers Week at Texas Christian University, where they received the 2004 Distinguished Minister Award for Pastoral Ministry given by TCU's Brite Divinity School. Now retired from full-time ministry, the Nabors are serving as transitional ministers in Ardmore, Okla.

61

### Next reunion in 2006

**Buddy Moore** has been called as pastor of Northside Baptist Church in Pickens County, S.C.

62

### Next reunion in 2007

**Libby Harrill Mitchell** is a candidate for the state Senate in Maine. She previously served a total of nine terms in the state House of Representatives, where she was majority leader and Speaker. She is a public policy fellow at the Edmund Muskie School of Public Service at the University of Southern Maine, where she is also enrolled in law school.

■ A track scholarship honoring **Thad and Harriette Whitworth '60 Talley** has been established at Brevard (N.C.) College by former athletes at the school, where Thad coached in the late 1960s. The Talleys live in Summerville, S.C.

72

### Next reunion in 2007

**Rich Mays** of Savannah, Ga., owner of Sonare Recordings, recently produced and engineered three CDs for Naxos Records, a leading classical music label. The recordings featured the Nashville Symphony and the Blair String Quartet. He has also completed two musical commissions, a suite for organ and brass and a choral anthem with brass, for churches in Atlanta.

73

### Next reunion in 2008

"Nature Revealed," an exhibit of wooden sculptures and vessels by **Russ Hunt**, was on display this spring at the Elliott University Center of the University of North Carolina-Greensboro. ■ **Henry Parr** of Greenville has been appointed to the board of trustees of South Carolina First Steps to School Readiness. ■ **Thomas Sparks** is

pastor of Conyers (Ga.) Presbyterian Church. He was a teacher before enrolling in seminary and was pastor of churches in Oklahoma and Kansas before going to Conyers.

74

### This year is reunion!

Duo pianists **Linda Deyton Denney** and **Ann Hollingsworth '75 Guest** were invited performers at the centenary of the birth of Hungarian concert pianist Lili Kraus. Their performance took place last summer in Burnsville, N.C. ■ **Dave Koss** has been promoted to the position of account director with Jackson-Dawson Integrated Marketing Communications in Greenville.

75

### Next reunion in 2005

**Richard Yocke** of Huntington, W. Va., is a regional teacher educator at West Virginia University Institute of Technology. He is also an official for high school football and an umpire for high school softball.

76

### Next reunion in 2006

**James Cheetham**, who has worked for non-profit food banks in Augusta, Ga., and Atlanta for the last 20 years, is network systems manager for the Atlanta Community Food Bank.

77

### Next reunion in 2007

**Eugene J. Godbold, Jr.**, Georgia president of Bank of America, has been named to the Buckhead Coalition, an organization of business and civic leaders in Atlanta that works to improve the quality of life in the community.

78

### Next reunion in 2008

**Janet Cone** is the new director of athletics at the University of North Carolina-Asheville. She was previously associate director of athletics at Samford University in Birmingham, Ala.

79

### This year is reunion!

**Jim Ewel** is CEO of GoAhead Software, a small startup company in Seattle, Wash., which makes high availability solutions for telecom equipment and other devices.

80

### Next reunion in 2005

**James Alexander** of Seneca, S.C., has earned a master's degree in mythological studies. ■ **Melissa DuPuy** of Nashville, Tenn., owns a production company in which she engineers and produces independent albums, jingles and professional demos for songwriters and publishing companies. ■ **Carolyn Cunningham Hamberg** has joined the Greenville firm of Design Strategies as a construction administrative assistant and senior CADD designer, responsible for producing architectural drawings for all project phases. ■ **Dennis McClellan** has been named vice president of corporate development for Columbia, Md.-based MedStar Health, a community healthcare organization. He was formerly an assistant dean at the engineering school of the University of Maryland.

82

### Next reunion in 2007

**John Clanton**, deputy commander of the U.S. Army Field Band and conductor



## CLASS NOTES SUMMER 04, cont.

of the Soldiers' Chorus, led the Armed Forces Chorus at the funeral services for President Reagan in June. ■ **Industrial Supplies Inc.**, a wholesale distributor of industrial piping supplies, has hired **Jeffrey Johnson** as the company's sales branch manager in Spartanburg, S.C. ■ **Lori Binnicker Salley**, a certified public accountant, has been named a partner in the firm of C.C. McGregor & Company, L.L.P., in Orangeburg, S.C.

## 83

### Next reunion in 2008

**J. Ligon Duncan III**, minister of First Presbyterian Church in Jackson, Miss., was elected moderator of the Presbyterian Church of America at the group's 32nd General Assembly in June. He is an adjunct professor at Reformed Theological Seminary in Jackson, a council member of the Alliance of Confessing Evangelicals, chair of the Council on Biblical Manhood

and Womanhood, and secretary of the board of Belhaven College. ■ **Karen Parks** has been named assistant professor of music at Kennesaw (Ga.) State University. ■ **Mike Stewart** has left the military and is a senior analyst for The Wexford Group International in Leavenworth, Kan. He is completing coursework toward a doctorate in American history at the University of Kansas.

## 84

### This year is reunion!

**Ross Keith Dover** of Travelers Rest, S.C., is a wireless sales specialist with SunCom.

## 85

### Next reunion in 2005

**Sherri Cothran Bishop** and her husband, Kevin, have moved to Lexington, S.C., where she works for Lexington School District One. ■ **Paul Keller** of Clearwater, Fla., a risk management specialist with the Pinellas County government, recently returned from a yearlong stint in Iraq with the Army Reserves. ■ **Yvette Shook Reid** is a systems manager with tesa tape inc. in Charlotte, N.C. ■ **Angela Cox Roberts** of Simpsonville, S.C., is a technical information specialist with the Reynolds Company. ■ **Lon Southerland** of Middleburg, Va., is a Starbucks Coffee Company regional manager and also owns Aardvark Fly Fishing Outfitters. He swims with USA Masters. ■ **ADOPTIONS:** **George** and **Gina Sweet**, two children from the Ukraine, a son, **Luke Sergei**, age 8, and a daughter, **Katie Olena**, age 6, July 2003. George is pastor of Zion Hill Baptist Church in Fincastle, Va.

## 86

### Next reunion in 2006

**Blair Bass** of Charlotte, N.C., is vice president of Qorval Integrated Solutions. ■ **BIRTHS:** **Mark** and **Pamela Landers**, a daughter, **Madeline**, February 10. Mark, a lieutenant colonel and military intelligence expert in the U.S. Army, has assumed command of the 233rd Base Support Battalion in Darmstadt, Germany. ■ **Don** and **Sandra Hack '87 Polaski**, a son, **William John**, May 3, Richmond, Va.

## Luce Scholar Shirk heads to Taiwan

For the second year in a row, a Furman graduate enrolled in medical school has been named a Luce Scholar by the Henry Luce Foundation.

**Arianna McClain Shirk '02**, a third-year medical student at Wake Forest University School of Medicine, departed in mid-August for a year in Pingtung, Taiwan, through the sponsorship of the Luce program, which provides annual support and internships in Asia for up to 15 young Americans. The program's purpose is to increase awareness about Asia among future leaders in American society.

**Richard Brooks '00**, a medical student at Duke University, was a 2003-04 Luce Scholar in Thailand. Candidates for the prestigious award must be American citizens who hold at least a bachelor's degree and who are no more than 29 years old on September 1 of the year they are selected. Furman is one of only 65 institutions in the nation invited to nominate candidates for the award.

Shirk says that, assuming all goes as planned, she will work with an acupuncture and reflexology specialist at Pingtung Christian Hospital. In addition, she hopes to be active in such areas as adolescent and teen-age health promotion and care for homebound, elderly and terminal patients. She also expects to have opportunities "to visit mountain area aboriginal Taiwanese tribes, serve foreign women married to Taiwanese nationals, teach English to children with muscular dystrophy, work with deaf and muscular dystrophy

patients, and study the Chinese language."

Once she completes her medical studies, Shirk plans to earn a master's degree in public health and to pursue a somewhat unconventional career track by establishing a self-sufficient medical clinic either in the United States or abroad. Her year in Taiwan, she believes, will provide fresh perspectives and offer her the chance "to see medicine and the people it serves with new eyes."

She adds, "I am stunned at the brazen confidence with which our schools assert that Western methods are the most sophisticated and most effective. The more I realize what I do not understand about Asian culture and diversity, the more the idea of a year of learning, teaching and growing in a society different from my own excites me. I'll have the opportunity to better understand our cultural similarities and to determine the strengths of our differences."

Shirk, a Truman Scholar during her Furman days, will be accompanied by her husband, **David '02**. "He is thrilled to have a year to explore a new part of the world," she says. "The Luce program is unique in its ability to enable and even encourage spouses to act as ambassadors as well."

Besides Shirk and Brooks, Furman's other Luce Scholar was **Cass DuRant '89**, who worked in a think tank in South Korea in 1996-97.



Arianna Shirk

— Jim Stewart

## 87

### Next reunion in 2007

**BIRTHS:** Peter and Jana **Chesney**, a daughter, Ella Jean, March 15, Marietta, Ga. ■ Danny and **Nevanne Hensley-Thomas**, a daughter, Annie Elsbeth Thomas, November 26. Nevanne writes and acts for Agatha's Mystery Dinner Theater in Atlanta. ■ Kevin and **Diane Jamison Owens**, a daughter, Reese Jamison Owens, January 3, Rockville, Md.

## 88

### Next reunion in 2008

**Robert Bailey** of Chicago earned his law degree and passed the Illinois Bar exam earlier this year. He is continuing to pursue work as an actor. ■ **Douglas Mitchell** of Perrysburg, Ohio, is president of Munro Enterprises.

## 89

### This year is reunion!

**Bruce Bain** has become a financial planner with First Command Financial Planning in Beaufort, S.C. ■ **Walter Landow** practices bankruptcy law with Fuller & McKay in Rome, Ga. ■ **Elizabeth Jones Smith** has joined the Greenville law firm of Gallivan, White & Boyd. Her specialties include health care and complex litigation. ■ **BIRTHS:** Brian and **Karen Kelly Brenneman**, a son, Trevor Joseph, November 15, Clearwater, Fla. ■ Jonathan and **Sheila Thomas Brock**, a daughter, Jessalyn Elise, January 10, Greenville. ■ Chris and **Sheridan Forness Cheshire**, a daughter, Sheridan McKinley, February 7, Jacksonville, Fla. ■ Byron and **Jennifer Richey Duell**, a son, Alexander Bayne, February 19, Columbia, S.C. ■ Greg and **Paula Patton Helms**, a daughter, Elizabeth Love, October 30, Highlands, N.C. ■ Steve and **Valerie Miller Maloof**, a daughter,

Anna Marie, January 22, Atlanta. ■ **Mitch** and Amy **Nelson**, a son, David Mitchell, February 26, Woodstock, Ga. Mitch is an operations specialist with Accu-Tech Corporation.

## 90

### Next reunion in 2005

**Bobby Daugherty** is a member of the University of North Carolina-Asheville Foundation Board of Directors. He is first vice president for investments and portfolio manager at Smith Barney in Asheville and also owns Hamilton Refuse and General Hauling. He has been board chair for Travelers Aid of Metro Atlanta and volunteers with Big Brothers/Big Sisters. ■ **Ted Elder** is women's soccer coach at Goldey-Beacom College in Delaware. ■ **Gina Wilkie Gaillard** of Albuquerque, N.M., is director of planned giving and major gifts at All Faiths Receiving Home. She is also interning with a photography studio. ■ **Todd Price** of Miami, Fla., has been promoted to vice president of the international division at Atlanta Attachment Company. ■ **Jerry Salley** of Carrboro, N.C., is a writer and editor with Eli Research. ■ **Jerry** and **Liz Ennis** '91 **Spearman** have moved to Greenwood, S.C., where he works at the Stoney Point Golf Club. ■ **Natalie Ellen Hall Vest** of Simpsonville, S.C., works in strategic outsourcing with IBM Global Services. ■ **BIRTHS:** Charles and **Elizabeth Redd Ball**, a son, Charles Carter, January 16, Pawleys Island, S.C. ■ **William, Jr.**, and Eve **Brantley**, a daughter, Chloe Marshall, August 9, 2003, Auburn, Ala. William works for the Alabama Department of Conservation and Natural Resources. ■ **Clarke** and **Christie Knubel Holmes**, a son, Alexander James, April 12, Jackson, Miss. ■ **Laddie** and **Amy Babb Jones**, a son,

Graham Lawson, April 6, Charleston, S.C. Amy is a guidance counselor at Berkeley High School. ■ **Stuart** and **Nicola Skinner Nickles**, a son, Stuart Alexander, July 30, 2003, Lexington, S.C. ■ **Robert** and Jeanne **Woodbridge**, a son, Christopher James, March 1, Washington, D.C. Robert works for Lockheed Martin.

## 91

### Next reunion in 2006

**Don Clardy**, formerly a partner with the law firm of Gallivan, White & Boyd, has joined Northshore Capital, a Greenville mergers and acquisitions firm, as vice president. He represents regional companies interested in buying or selling a business. ■ **Barbara Koosa Ryan** is a senior tax manager with Grant Thornton, LLP, in Columbia, S.C. ■ **BIRTHS:** Wayne and **Jennifer Sherrill Davis**, a daughter, Lindsay Warren, February 10, Willow Spring, N.C. ■ **James** and **Brigid Downs**, a daughter, Mary McNeil, December 23, Charlotte, N.C. ■ **Stephen** and **Sally Logan Lookadoo**, a son, Samuel Logan, May 27, 2003, Simpsonville, S.C. ■ **David** and **Julie Wright Silander**, a daughter, Caroline Hamilton, January 24, Charlotte, N.C.

## 92

### Next reunion in 2007

**Manning Connors III** has been elected an equity partner with Smith Moore LLP, a law firm with offices in North Carolina and in Atlanta. ■ **Carl Sullivan** of New York City received two Jesse H. Neal National Business Journalism awards as part of team coverage for *Editor & Publisher* magazine, where he is editor of the Web site. The Neal awards are the most prestigious honors for business-to-business journalism. Carl contributed to the magazine's

"State of the Sunday Newspaper," which took the top prize for "Best Subject-Related Series of Articles." He also contributed to the magazine's coverage of journalism during the Iraq war, which won for "Best News Coverage." ■ Following service in Kosovo and Iraq with the U.S. Marine Corps, **Keith Sykes** has returned to the Department of Justice as a special agent with the Drug Enforcement Administration. ■ While working for United Parcel Service in Louisville, Ky., **Alysia Murphy Wilson** took part in a joint research effort with Massachusetts Institute of Technology that won second place in the 2003 Franz Edelman Award for Achievement in Operations Research and the Management Sciences. The award recognizes "outstanding implemented work that has had a significant, positive impact on the performance of the client organization." ■ **MARRIAGES:** **Maryam Barbara Haddad** and Paul Rupard Sanders III, May 22. She is a nurse epidemiologist with the Centers for Disease Control and Prevention in Atlanta, and he is a consultant with PRS Technology Solutions, Inc. ■ **Kristin Magnacca** and Ben Wolverton, June 28, 2003. They live in Raleigh, N.C. ■ **BIRTHS:** Peter and **Kim Jennings Durst**, a daughter, Carter Styles, March 6, Charleston, S.C. Peter owns a sailing company and Kim is director of an outpatient orthopedic clinic. ■ Warren and **Dominique Rofrano Hearnese**, a son, Michael Warren, July 21, 2003, Lilburn, Ga. ■ Rick and **Jean Furney Lassiter**, a daughter, Laura Elizabeth, December 30, Charleston, S.C. ■ Brian and **Stephanie Fleming Norton**, a son, Charles Covalt, July 9, 2003, Greenville. ■ James Feldman and **Laura Putney**, a daughter, Olivia



## CLASS NOTES SUMMER 04, cont.

Rebecca, January 7, Los Angeles. Laura is a film and television actor and a part-time lawyer with Kauff, McClain & McGuire.

## 93

### Next reunion in 2008

**Lewis Bozard** is now a realtor with Century 21 Bob Capes Realtors in Columbia, S.C. ■ **Laura Bryan** has received her Ph.D. in marriage and family therapy from Texas Tech University in Lubbock. She is a therapist for the Southwest Institute Employee Assistance Program. ■ **Ashley Gaines** is a physician with Medical Arts Internal Medicine in Concord, N.C. ■ In June, **Alexander Stubb** was elected to the European Parliament to represent Finland. Stubb, a member of the National Coalition Party, has worked for the Finnish Foreign Ministry and been an advisor to European Commission president Romano Prodi. ■ **BIRTHS:** **Ed and Liz Albright**, a daughter, Anna Marie, May 1, 2003, Columbus, Ga. ■ **Bruce and Julie Steinfeld Clary**, a daughter, Kaitlyn Nance, January 19, Spartanburg, S.C. ■ **Ron and Megan Heist '94 Garner**, a daughter, Molly, April 3, 2003, Wilmore, Ky. ■ **Kevin '94 and Jennifer May Hebblethwaite**, a daughter, Rachel Ann, December 9, Douglasville, Ga. ■ **Chad and Leah Jackson**, a daughter, Kate, March 2, Cypress, Texas. Chad is major account manager with Ventana Medical Systems. ■ **Taylor and Delacey Davis Riley**, a son, Liam Taylor, January 26, Greenwood, S.C. ■ **Scott and Nan Young Smith**, a son, Marshall Attison, February 8, Greenwood, S.C. ■ **Monty and Elizabeth Anne Hillmer Walton**, a daughter, Anna Elizabeth, March 18, Knoxville, Tenn. The Waltons have started Cross Point Ministries and are in the process of building a Christian retreat.

## 94

### This year is reunion!

**Kamaal Anas** of Greer, S.C., is vice president of technical operations for Equi-Tox Pharma. ■ **Dan Benton** is now a senior applications architect with Kemper Auto and Home in Jacksonville, Fla. ■ **Todd Hester** of Henderson, N.C., is pastor at Cotton Memorial Presbyterian Church. ■ **Jed Howington** has joined a private practice in radiation oncology in Augusta, Ga. ■ **Wayne and Courtney Pendle** are directors of children's ministries at Rescue Atlanta, an inner-city church. Wayne previously worked in technology and business consulting. ■ **Becky Rogers** of Roanoke, Va., is a reading specialist in Roanoke City Public Schools. ■ **Shea Sherbert** has returned to Furman's ROTC department after being deployed in Operation Iraqi Freedom. ■ **MARRIAGES:** **Jen Frankenberg** and Michael Parker, October. She is marketing director for an architectural firm and he is a paramedic and firefighter. They live in Waxhaw, N.C. ■ **Suzanne Jackson** and Greg Nagy, September 27, 2003. They live in Charlotte, N.C. ■ **BIRTHS:** **Benjamin and Sarah Wilk Bloodworth**, a daughter, Annastasia Noelle, April 7, Ocean Springs, Miss. ■ **Paul and Amy Kemp Comer**, a son, Paul Brady, December 15, Mount Pleasant, S.C. Amy is market research manager with Blackbaud, Inc. ■ **Michael and Alison Fey**, a daughter, Lauren Miller, March 2, Charlotte, N.C. ■ **Michael and Tammy Kerr '97 Hardy**, a son, Michael Cole, April 6, Lexington, S.C. ■ **Jay and Llawayne Partin Wright**, a daughter, Caroline Anne, April 8, 2003, Doylestown, Pa. ■ **Eric and Jeana Samples Yates**, a daughter, Victoria Lynn, July 3, 2003. Jeana is project manager for a research

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\*complimentary breakfast included



# Homecoming

## November 5-7

### FRIDAY NOVEMBER 5

ALUMNI GOLF  
ALUMNI ART SHOW  
CARNIVAL ON THE MALL  
GOLDEN PALADIN DROP-IN

REUNION DROP-INS  
HORSEPLAY  
PEP RALLY  
FIREWORKS

### SATURDAY NOVEMBER 6

ALUMNI BREAKFAST  
DEPARTMENT DROP-INS  
DOWNTOWN BLOCK PARTY  
LUNCH ON THE LAWN

PARADE  
FOOTBALL VS. GSU  
REUNION BANQUETS

### SUNDAY NOVEMBER 7

WORSHIP SERVICE



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lab at Northwestern University in Evanston, Ill., and Eric is pursuing a Doctor of Music degree at Northwestern.

## 95

### Next reunion in 2005

**Lisa Couch** teaches English at J.L. Mann High School in Greenville. Her husband, **David Williams '96**, works for an engineering firm. ■ **Mary Beth Ponder** of Boca Raton, Fla., is employed by Dr. Notes, Inc., as a trainer and implementer. Dr. Notes is a medical documentation software program that enables offices to become paperless and chartless. ■ **Charles Volkert III** of Miami Beach, Fla., has been promoted to vice president for Robert Half International's legal division, managing the company's 32

offices in North America. ■ **MARRIAGE:** **Jed Dorsey** and **Angela Hughes**, July 19, 2003. They live in Smyrna, Ga. ■ **BIRTHS:** **Chris and Jennifer Lewis Bingham**, a son, Jacob Logan, May 8, Buford, Ga. Jennifer is an adjunct professor at Georgia Perimeter College. ■ **Mike and Laura Thompson Burns**, a son, William Owen, September 15, 2003, Greer, S.C. ■ **Mark and Sabrina Peavy Cox**, a son, Evan Andrew, January 18, Columbia, S.C. ■ **David and Elizabeth Blalock '96 Graham**, a son, Carter Price, February 26, Gray, Tenn. Elizabeth is director of career development at King College. ■ **John and Kimberly McEwen Gravely**, a son, Ethan McEwen Gravely, June 30, 2003, Atlanta, Ga. ■ **Doug and**

**Mary Margaret Shingler Hyatt**, a son, Charles Manning, January 20, Columbia, S.C. Mary Margaret is an attorney with McAngus, Goudelock & Courie. ■ **Chad and Brandy Holsonback Jones**, a daughter, Maggie Elizabeth, December 14, Greenwood, S.C. ■ **Jeff and Shannah Montgomery**, a son, Ethan James, April 14, Athens, Ga. ■ **Thomas and Carrie-Lynn Codega Pomian**, twins, Chloe Lynn and Sophia Lynn, March 19, Alpharetta, Ga. Carrie-Lynn is a customer training manager with Datastream Systems. ■ **Kevin and Marisa Edwards Ray**, a daughter, Haley Jade, September 17, 2003, Thomasville, N.C.

## 96

### *Next reunion in 2006*

**Alan Alewine**, assistant professor of mathematics at McKendree College in Lebanon, Ill., is a charter member of the school's chapter of Phi Kappa Phi. ■ **Carmen Ashley** is a junior account executive at Brains on Fire in Greenville. She is a volunteer with Greenville Family Partnership. ■ **Franklin Lemond** of Alpharetta, Ga., has earned a law degree from Georgia State University. ■ **BIRTHS:** **Paul** '98 and **Lisa Sexton Aiesi**, a son, Nicholas Morrell, February 25. Paul is vice president for acquisitions with TIC Properties in Greenville. ■ **Tom and Rebecca Powell Austin**, a son, Jackson Thomas, May 3, Jackson, Miss. ■ **Chet and Amy Parsons Breazeale**, a daughter, Susann Elyse, February 5, Pickens, S.C. ■ **Tim and Suzanne Mackey Frye**, a daughter, Caroline Elizabeth, February 19, Colorado Springs, Colo. ■ **Walter and Kristin King**, a son, Mason Nolan, April 1, Hickory, N.C. ■ **Joseph and Tara Copeland Lamboley**, a son, Daniel Stephen, October 2, Woodstock, Ga. ■ **Rob and Suzie**

**Vander Ploeg** '97 **Powell**, a daughter, Morgan Abigail, December 31. Rob is a dentist and Suzie is a veterinarian in Greenville. ■ **Sean and Leslie Coates** '99 **Rogers**, a son, Elijah Langston, April 2, Athens, Ga. Leslie teaches Latin and advanced literature at Oconee County High School. ■ **Wes** '98 and **Catherine Ray Sullivan**, a son, Scott Aiden, May 7, Seneca, S.C. Wes is a senior consultant at Clemson University.

## 97

### *Next reunion in 2007*

**Marjorie Avent** is pursuing an Ed.S. degree in the counselor education program at the University of South Carolina. ■ **Allison Fields** is public relations and promotions manager at the Alliance Theatre in Atlanta. ■ **Scott Jarrett** has been named music director of the Back Bay Chorale in Boston. He is completing a doctorate at Boston University and was recently named director of music and university organist and choir-master at the school's Marsh Chapel. He has also been named music director and conductor of the Oratorio Singers, the chorus of the Charlotte (N.C.) Symphony. ■ **Robert Jetton** of Cary, N.C., is a doctoral candidate and research assistant at North Carolina State University. ■ **Brian Phillips** practices real estate and corporate law with Constitution Law Associates in Rock Hill, S.C. ■ **Susan Penick Thompson** of Marietta, Ga., is vice president for government affairs with the WellStar Health System. ■ **Josh Trevino** of Frederick, Md., previously a speechwriter and communications coordinator for the Secretary of Health and Human Services, is now a senior consultant for global health affairs with Booz Allen Hamilton. ■ **MARRIAGE:** **Kim**

**Corpening** and Jeramiah Dooley, March 21. Kim works in the information services department of Carolinas HealthCare System and Jeramiah is a senior network analyst with MedCath, Inc. They live in Charlotte, N.C. ■ **BIRTHS:** **Mickey and Lynne Andrews Brons**, a daughter, Therese Elizabeth, December 6, Virginia Beach, Va. ■ **Kenneth** '98 and **Jennie Randall Dwyer**, a son, Timothy Jordan, September 22, 2003, Cameron, N.C. Kenneth is in the U.S. Army. ■ **Scott and Meghan Smith Dykes**, a son, William Henry, February 28, Louisville, Ky. ■ **Wayne and Wendy Harsha**, a daughter, Emma Catherine, January 27, Spanaway, Wash. Wayne is a physician in the U.S. Army. ■ **Sonny and Sarah Jones**, a daughter, Mary Kathleen, March 19, Columbia, S.C. Sonny has finished medical school and will pursue a career in general surgery in Columbia. ■ **Gregg and Dorothy Hanckel Lancaster**, a daughter, Mary Kathryn, October 24, Charleston, S.C. ■ **Chris and Alisha Skinner Looper**, a son, Thomas Christopher, Jr., March 26. Chris and Alisha teach in Greenville County, and both recently earned master's degrees in education from Southern Wesleyan University. Alisha is a national board certified teacher. ■ **James and Alison Raines Salmon**, a daughter, Natalie Elizabeth, March 30, 2003, Rock Hill, S.C. ■ **Jason and Ellis Hood Searl**, a son, Will, July 14, 2003, Orlando, Fla. Jason has opened his own law firm. ■ **Steven and Jennifer Durham Wade**, a son, Caleb Steven, December 6, Raleigh, N.C.

## 98

### *Next reunion in 2008*

After two years in Jamaica with the Foreign Service, **Terry Alston** has returned to Washington, D.C., where he

is learning to speak Russian prior to a tour in Baku. ■ **Amy Hutchison McKee** is a career counselor in Fort Polk, La. ■ **Grace Dayrit Strother** of Mount Pleasant, S.C., is a customer support analyst with Blackbaud, Inc. ■ **MARRIAGES:** **Hallie Anderson** and Shane Stem, April 10. They live in Franklin, Tenn., where Hallie is employed with XO Communications. ■ **Elizabeth Blasi** and Ofer Estline, July 20, 2003. They live in Los Angeles. ■ **Christina Cochran** and Matt White, May 17, 2003. They live in Gainesville, Ga. ■ **Leslie Evans** and Jeremy Cherry, February 21. They live in Nashville, Tenn. ■ **Christy Foree** and Shelby Ricketts, April 3. They live in Dallas, Texas, where Christy is director of marketing at the American Airlines Center and Shelby is chief operating officer for the Concote Corporation. ■ **BIRTHS:** **Tim and Erika Harper Remley**, a daughter, Sydney Elizabeth, February 23. ■ **Kemmons III** and **Allison Wilson**, a daughter, Ava Carrington, May 12, Memphis, Tenn.

## 99

### *This year is reunion!*

**Nikki LaCount Brandt** of Taylors, S.C., has earned a Master of Accountancy degree from Gardner-Webb University. ■ **Meg Calnon** of Ponte Vedra Beach, Fla., recently earned an M.B.A. degree from the University of North Florida and completed an internship with the men's professional tennis circuit (ATP Tour). She now works for the Jacksonville Jaguars of the National Football League. ■ **Chara Crane** of Charleston, S.C., is an associate attorney practicing real estate and commercial litigation with Buist, Byars, Pearce and Taylor, LLC. ■ **John Ertter** of Menlo Park, Calif., works as an account executive for



## CLASS NOTES SUMMER 04, cont.

Fisher Investments, a money management firm in Woodside, Calif. ■ **Elizabeth Malphrus Hart** is an administrative coordinator at Clemson University, working for school president Jim Baker. ■ **Shaw Henry, Jr.**, has been promoted to senior planner of the current planning and development services division in the Community Development Department of Bluffton, S.C. ■

**Nicole Judd** and **Jason Kellett** have joined Gallivan, White & Boyd in Greenville as associate attorneys. Nicole's specialties include commercial litigation, health care and construction law, and Jason's are product liability, construction, labor and employment law. ■ **Brigid Kennedy**, volleyball coach at Magnificat High School in Rocky River, Ohio, has been named the school's athletic director. ■

**Liz Hankla Smith** is a dietitian at the Children's Hospital of Vanderbilt University Medical Center in Nashville, Tenn.

■ **Katja Wolski**, a student at the University of South Florida College of Medicine in Tampa, has received a grant/scholarship for graduate research from the German Academic Exchange Service. She will start the seven-month predoctoral fellowship October 1 at the Institute for Hormone and Fertility Research at the University of Hamburg.

■ **MARRIAGES: Kerri Michelle Carter** and James Robert Ian Porter, May 15. They live in Charlotte, N.C., where he is a corporate recovery manager with KPMG. ■ **Sarah Odell** and Matthew Smith, November 1. They live in Summerville, S.C. ■ **BIRTH: Daniel** and Althea **Griesbeck**, a son, Jonas Alexander, April 16, Woodstock, Ga.

# 00

### Next reunion in 2005

**Bob Askin** has been named director of marketing and promotions at Marshall

University in Huntington, W. Va. He previously worked for ScheerSports, Inc., in Greenville. ■ **Stephen Baggett, Jr.**, now lives in Greenwood, S.C., and is an associate in the McDonald Patrick law firm. ■ As a member of the U.S. Army Chorus, **Carey Cannon** sang at the burial service for President Reagan in June.

■ **Christopher Colwell** has joined the Brush Law Firm in Charleston, S.C. ■ **Jeneile Cordell** graduated from the Medical College of Ohio and was scheduled to begin her pediatric residency at Sacred Heart Hospital in Pensacola, Fla., in June. ■ **Ethan** and **Christa McCain '01** Friddle earned Master of Divinity degrees from Princeton Theological Seminary in May.

Ethan received the Samuel Wilson Blizzard Memorial Award for social ministry and Christa received the Jean Anne Swope and James L. Mechem Prize in Christian ethics. ■ **Amanda Thrasher Hobbs** planned to begin work in August toward her master's degree at George Mason University, with a concentration in American history and historic preservation. ■ **Nicole Maglio** is an attorney with MacKay, Wrynn & Brady, LLP, in New York, a firm that specializes in civil litigation.

■ **Adam McGlashan** earned his master's degree in applied economics and now works in the Macroeconomic Analysis Section of the Division of Research and Statistics at the Federal Reserve Board of Governors in Washington, D.C. ■ **Nicole Pascoe** of Greenville, who previously worked with the Greenville Chamber of Commerce, is now an account executive with TiBA Solutions, LLC.

■ **Melissa Roberts** of Tallahassee, Fla., is a staff scientist with WRS Infrastructure and Environment. ■ **David Schilling** graduated from the Patterson School of

Diplomacy and International Commerce at the University of Kentucky and is a defense analyst with the U.S. General Accounting Office. ■ **Lewis Tyson Smoak, Jr.**, previously a sales representative with Schering-Plough, is now a national account executive with Bumper2Bumper Media Inc. in Greenville. ■ **Eric Starr** of Marina Del Rey, Calif., is an advertising strategic planner working on the Apple/iPOD and PS2 accounts with Chiat Day in Los Angeles. He recently captained a 50-foot sailboat on a voyage abroad. ■ **Richard Stewart** is an associate attorney with Gallivan, White & Boyd in Greenville, practicing in the areas of tort and insurance litigation. ■

**Gustavo Suarez** has joined the Greenville law office of Haynsworth Baldwin, working with employment law issues. He was inducted into the University of Georgia School of Law Order of the Coif in April.

■ **Brittany Williams** of Duluth, Ga., is a community impact coordinator with the United Way of Metropolitan Atlanta. She is studying for an M.B.A. degree. ■ **BIRTH: Robert** and **Sara Rosenblum James**, a son, David Robert, March 3, Temecula, Calif.

# 01

### Next reunion in 2006

**Michelle Abraham** has earned a Master of Arts degree in Christian education and in ministry-based evangelism from Southwestern Baptist Theological Seminary. ■

**Deno Adkins** has earned a double master's degree (M.B.A. and Master of Health Administration) from Georgia State University. He is an administrative fellow with the Moses Cone Health System in Greensboro, N.C. ■

**Veronica Colvard** has received her J.D. degree from the Walter F. George School of Law of Mercer University. ■ In October, **Johnlee Curtis** is scheduled to enter the World

Trade Institute in Berne, Switzerland, to study for a master's degree in international law and economics. ■ **Courtney Denning** received her master's degree in social work from East Carolina University and lives in Annapolis, Md., where she is a social worker with Genesis Elder-Care. ■ **Kyle DeWitt** has joined the technical support department of ScanSource Inc. in Greenville as solutions support engineer. ■ **Shane Golden** of Birmingham, Ala., is a forensic scientist with the Alabama Department of Forensic Sciences in the Implied Consent Unit. He was scheduled to receive his

## 2004-2005 ALUMNI ASSOCIATION BOARD OF DIRECTORS

James H. Simkins, Jr. '78, president; Steven B. Smith '83, president elect; Harriet Arnold Wilburn '74, vice president; Pamela Underwood Thomason '76, past president; Rebecca Hood Becherer '89; Venita Tyus Billingslea '81; Randolph Williams Blackwell '63; J. Chris Brown '89; Rosalie Manly Burnett '49; H. Furman Cantrell '61; John R. Cassady '62; David S. Cobb '90; Allen Cothran '01; Catherine Hunter Hightower '55; Elizabeth Jean Howard '81; George L. Johnson '68; Vicki Bieksha Johnson '93; William A. Lampley '41; Charles W. Linder '59; Clare Folio Morris '83; Paul B. Nix, Jr. '77; James G. Revels, Jr. '62; Ginger Malone Sauls '75; David M. Schilli '85; Catherine Rakestraw Smith '92; Mickey A. Walker '55; Davin K. Welter '89.

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## Entrepreneurial bent

*Kurtz's latest start-up helps businesses operate more efficiently*

Andrew Kurtz's first job after graduating from Furman in 1987 was as an accountant with PriceWaterhouse. Working at the firm's Greenville branch, he conducted audits and chartered business expenditures.

By interviewing company executives, examining spreadsheets and scrutinizing costs, Kurtz became familiar with the complexities of running a small business. At first he found the work fascinating, but after a few months the novelty wore off.

"I became bored. When you audit you always go back in time," says Kurtz. "I didn't like working in the past and wanted to be able to make decisions that would have a direct impact on the future of a business."

Since resigning from PriceWaterhouse in the fall of 1988, Kurtz has been making those impact decisions for himself. During the last 16 years, he has served as a key officer in one start-up company, founded two others and established a reputation as an entrepreneurial leader in the fast-changing field of information technology.

To be sure, riding the entrepreneurial roller coaster has, at times, been an emotional strain. But Kurtz and his wife, Heidi Schmidt Kurtz '87, have enjoyed the ride.

Today the couple, who met during their freshman year at a Pi Kappa Phi fraternity function, are pouring most of their energies into Vigilix, a software venture they launched last October in Greenville. Andrew is president and chief executive of Vigilix and its sister company, ProActive, and Heidi serves as vice president of sales.

The software, which has been purchased by such companies as BMW, Furman, Biltmore Estates and several electrical cooperatives, can best be described as a "real-time event and notification system."

Like an omniscient computer eye, Vigilix monitors a company's systems and notifies information technology personnel when it spots a potential problem. The software can be tailor-fitted for any company. At BMW, for example, Vigilix is programmed to send text messages by cell phone if it senses an assembly line malfunction.

In today's computer-dependent work environment, even a minor system glitch can have a tremendous impact on worker productivity and customer satisfaction.



**The Furman connection at Vigilix, from left: Randy Lee '95, product development management; Andrew Kurtz '87, president/CEO; Heidi Schmidt Kurtz '87, vice president of sales; Susan Kutzner '93, quality assurance manager.**

Through monitoring and early detection, Vigilix identifies small problems before they become big ones. Innovative, flexible and user-friendly, it helps businesses operate more efficiently.

Which is what Kurtz has been striving to do since he left PriceWaterhouse. First he joined Symco Inc., a Greenville company that custom-developed control systems for manufacturing companies. The systems — mostly computer panels designed to extract, share and record data from an existing manufacturing process — helped floor managers coordinate production activity, manage inventory and reduce assembly line downtime.

As demand for these services increased in the fast-growing manufacturing sector of the Upstate, Kurtz left Symco in 1989 and co-founded a competing firm, Turn-key Integration Inc. But then a recession hit, and the fledgling company struggled until industrial activity rebounded in 1994.

Around that time, Kurtz noticed the increasing presence of personal computers on the manufacturing room floor and assembled a group of engineers and programmers to custom-develop Windows-based tools for manufacturing clients. This innovative approach further improved efficiency for his customers.

Kurtz sold his interest in Turn-key in 1999 and founded ProActive Technology. ProActive's client list reads like a Who's

Who of manufacturing companies in Upstate South Carolina and includes BMW, Datastream and Fluor Daniel.

While working with BMW on a project in 2001, ProActive employees hatched the idea of developing a flexible, "event management" software. The pilot software, successfully implemented at BMW, is now being marketed as Vigilix.

Speaking from his second-floor office on Main Street in Greenville, Kurtz says that more than half of his 15 employees at ProActive, four of whom are Furman graduates, spend most of their time on the Vigilix product.

Kurtz and Vigilix have caused a stir in both information technology and entrepreneurial circles in South Carolina. Last fall Innovision, an Upstate consortium of information and technology-focused businesses, selected Vigilix as a finalist for its "small enterprise" award. Kurtz was also one of nine executives invited to make a presentation at a conference in Greenville that attracted some of the region's top venture capitalists.

For Kurtz, the past year has been a heady one. Instead of tending to mostly Greenville-based clients, he is now a one-man mass marketing machine, spending much of his time flying around the country — and sometimes overseas — to pitch Vigilix.

"It's been a major transition for me," he says. "But it's exciting."

— John Roberts



Master of Science degree in forensic sciences in May. ■ **Laura Goss** is in her fourth year of medical school at the University of Tennessee-Memphis. ■ **Sally Payne Grantham** of Florence, S.C., is project manager for the Extend Team at ACS Technologies. ■ **Justin Lee** is in the second year of a Master of Divinity program at Moody Graduate School in Chicago. ■ **Scott Martin** was awarded the John Ordronaux Prize for graduating with the highest academic average in his class at Columbia University Law School this spring. He is working as a law clerk for Judge Alex Kozinski of the U.S. Court of Appeals for the Ninth Circuit in Pasadena, Calif. ■ **Rachel May** is Medical Company executive officer in the U.S. Army's 4th Infantry Division at Fort Hood, Texas. ■ **Anne-Leigh Gaylord Moe** of Phoenix, Ariz., has been elected editor-in-chief of the Arizona State Law Journal. She worked for the Phoenix law firm of Jennings Strouss & Salmon this summer. ■ **Lori Helms Odell** lives in San Diego, Calif., where her husband, David, is a helicopter pilot in the U.S. Marine Corps. Lori is an office automation clerk for Marine Corps Community Services. ■ Having completed a graphic design program at the Portfolio Center in Atlanta, **Hillary Powell** has joined the Leslie Agency in Greenville as a studio artist. ■ **Edward Schaffer** is a graduate student in industrial engineering at Georgia Tech in Atlanta. ■ After graduating in May from Duke University School of Law, **Darcy Walker** moved to Dallas, Texas, and was to start work with Hughes & Luce, LLP, this fall. ■ **MARRIAGES: Heyward Bouknight and Whitney Goodwin**, May 29. Having graduated from law school at Washington & Lee, they live

in Charlotte, N.C. Whitney works in the corporate group at Kennedy Coving and Heyward clerks for the Hon. N. Carlton Tilley, Jr. ■ **Brian Lingerfelt and Louise Parsons**, July 12, 2003. Louise earned a Master of Science degree in chemical engineering from the University of Virginia and has enrolled at Virginia Commonwealth University in Richmond to pursue a Ph.D. Brian has completed his second year of medical school at VCU. ■ **Sara Kathryn Norman and Chandler Berry Todd**, May 1. Sara is a physician assistant at Family Practice Associates in Union, S.C., and Chandler has begun a residency in family medicine in Greenwood, S.C. ■ **Ashleigh Smith and Preston Powers**, September 15, 2003. They live in Chapel Hill, N.C., where Ashleigh earned an M.A. in political science at the University of North Carolina and is now working on a doctoral dissertation in political psychology.

## 02

### Next reunion in 2007

**Sarah Adams** is administrative coordinator for new programs at First-Plymouth Congregational Church in Lincoln, Neb. Her engagement to **Chris Bainbridge** was featured on The Learning Channel's "Perfect Proposal" program, broadcast in May. ■ **Nikki Mae Kennedy**, a student at the University of Miami School of Law in Florida, is working in the Environmental Crimes Division of the U.S. Attorney's Office. ■ **Ryan Koon**, previously a research specialist with GenPhar Inc. in Mount Pleasant, S.C., has been appointed director of the comprehensive nature program at Charleston Collegiate School. ■ **Erin Lytle** has earned a master's degree in social and public policy, with a concentration in policy analysis and administration, from

Duquesne University. She graduated *summa cum laude*.

■ **Mac MacArthur** has become the assistant director of student life at the University of South Carolina-Spartanburg.

■ **Meredith Moore** is a research and teaching assistant at Clemson University, where she is studying for a master's degree in English. ■ **Jill Zimmerman** was among the 2004 class of graduate fellows of the Trinity Forum Academy in Royal Oak, Md. The academy's nine-month residency course provides recent college graduates with a holistic experience that ties together work, world view and way of life.

■ **MARRIAGES: Adam Crittenden Bach and Jameson Hansford Van Riper**, May 22.

They live in Columbia where Adam is in law school at the University of South Carolina.

■ **Lyndsey Erin Coker and Stephen Brad Sloan**, May 15. She is leadership giving manager at United Way in Greenville, and he works for Nexsen Puet.

■ **Eugenia Lee Holman and Russell Howard Blake**, May 8. She attends the Medical University of South Carolina College of Nursing. He is employed by Seamon, Whitesides and Associates, Inc., in Mount Pleasant, S.C., where they live. ■ **Becca Lane and Gabriel Swinney**, March 11. Becca was previously an AmeriCorps volunteer in Asheville, N.C. They moved to Alaska in July. ■ **Bill Zachar and Abbey Diehm** '03, March 13. They live in Jacksonville, Fla.

## 03

### Next reunion in 2008

**Kristy Rollins** attends the University of South Carolina School of Medicine in Columbia. ■ **MARRIAGE: Esther Jo Henderson (M.A.) and Neal Peter Pierotti**, April 3. They live in Greenville where he is an attorney with Dority and Manning. She teaches at Blue Ridge Middle School.

## 04

### Next reunion in 2009

**Elizabeth Head** has a teaching assistantship and full scholarship for graduate study in French at the University of Virginia. As part of her graduate program, she received a scholarship to attend the school's summer program in Lyon, France.

## DEATHS

### Nannie Mae Jones Hendricks

'19, March 20, Pickens, S.C. She was a longtime organist and pianist at First Baptist Church of Pickens.

**Elna Brabham Harvin** '24, May 1, Goldsboro, N.C. She had taught at Manning High School.

### Nelle Commander Milling

'30, May 29, Sumter, S.C. A businesswoman, she was active in civic and community affairs and was a member of the United Daughters of the Confederacy, the Daughters of the American Revolution, Sumter Garden Club and other organizations. She was a past director of the Merchants Association, Chamber of Commerce, USO, YWCA and Vocational Rehabilitation Board and was the first woman to serve on the town's planning commission.

**Corinne Cox Tanner** '30, June 23, 2003, Orangeburg, S.C.

She was retired from Farmers Telephone Cooperative and was a member of the United Daughters of the Confederacy.

### Mary Davis Hawkins Childs

'33, May 18, Hendersonville, N.C. She taught in the Hendersonville schools, was active in civic affairs and was a key figure in the beautification of downtown Hendersonville.

**Elynore Steimle Muller** '35, May 13, Riverside, Calif. She was a founding member of Junior Aid and was a member

of Junior League of Riverside, Pink Lady of Riverside Community Hospital, Founders Club of Riverside Community Hospital, and other groups.

**Esther Alexander Shockley** '35, March 13, Columbia, S.C. She taught in the Greenville County schools and retired from Shriner's Hospital for Crippled Children, where she taught for 19 years.

**Mary Frances Hammett** '36, May 1, Greenville. She was a caseworker for the Greenville County Welfare Department, after which she earned a nursing degree and became a nursing instructor. She later went to Southwestern Baptist Theological Seminary and was appointed by the Southern Baptist Foreign Mission Board to serve in Nigeria. After returning to the States and teaching at Greenville Technical College, she was reappointed as a career missionary to Tanzania. She retired in 1979 with the status of career missionary emerita.

**Landrum I. McCarrell** '38, May 29, Greenville. He was employed by Armour & Co. Meat Packing Co. in Florida for several years until service in the U.S. Army during World War II. He was awarded three Battle Stars for service in England, the Rhineland and Ardennes-Alsace. He earned his medical degree in 1950 and practiced family medicine in Travelers Rest, S.C., from 1951 until his retirement in 1989. He was a member of the American Medical Association, South Carolina Medical Association and Greenville County Medical Society.

**Mary Allen Edmunds Leland** '39, October 31, Summerville, S.C.

**Samuel Elrod Calloway** '40, May 6, Anderson, S.C. He was the owner and operator of Superior Parts Co. and Keowee Auto Parts. He

served on Pickens County Council for 12 years and was a member and past commander of American Legion Post 52, a member of Easley Masonic Lodge and a charter member and first president of Friendship Lion's Club. He was a U.S. Army veteran of World War II.

**Edgar Washington Davis, Jr.** '40, April 30, Greenwood, S.C. He worked at Greenwood High School for five years and then was associated with Abney Mills from 1951 until his retirement in 1981. He served as a trustee of Abney Mills Foundation and as a member of the advisory board of the South Carolina Employment Security Commission. He became a church music director in 1942 and was director of music at First Baptist Church of Greenwood for 39 years.

**Vashti Keys Gilkerson** '40, April 4, Greenville.

**Thomas Jefferson Moore, Sr.** '40, April 22, Grayson, Ga. He earned a law degree in 1952 and was admitted to the state Bar of Georgia. A U.S. Navy veteran of World War II, he was employed with Southern Bell for 35 years. He was founding chair of the Gwinnett County Republican Party and charter president of South Gwinnett PTA. He was a 50-year member and Past Master of Grayson Masonic Lodge F&AM 549.

**Eugenia Stone Cary Graff** '41, March 27, Greenville. During World War II, she served with the American Red Cross in Casablanca. After the war, she worked at Greenville Army Air Base in Special Services and taught elementary school. She was a member of the Junior League, First Families of South Carolina, Huguenot Society, Colonial Dames of the XVII Century, Order of Charlemagne and the American Red Cross Overseas Association.

**Frances Nelson Moore** '41, May 10, Columbia, S.C. She was a former teacher.

**Leo Cook Myers** '41, April 8, Eutawville, S.C. She taught school for 34 years in the public and private sectors.

**Harriet Elizabeth Dalton Neely** '42, March 2, Greenville. She was a past president and sustaining member of the Junior Welfare League of Rock Hill, S.C., and was a member of the Pindarian Literary Club. She served on the board of directors of the United Fund and was active in the South Carolina Society for Crippled Children and Adults.

**Daisy Marguerite Burdine Randle** '42, May 24, Greenville. She was retired from Southern Bell.

**Ann Miller Keisler** '43, May 20, West Columbia, S.C. She was a substitute teacher in South Carolina public schools and was a former trustee of the Greenwood County Library.

**Catherine Barber Banks** '45, March 15, Bethania, N.C. She was a medical technologist who worked in hospitals in Columbia, S.C., Albuquerque, N.M., and Boston, Mass., and she worked in research at Bowman Gray School of Medicine in Winston-Salem, N.C. A longtime employee at Reynolda House Museum of American Art, she was named the North Carolina Art Educator of the Year in 1989.

**Jean Thomas Butler** '45, April 2, Charleston, S.C.

**Benjamin Paul Hammack, Sr.** '45, May 10, Florence, S.C. He began his career as a teacher and became a principal in 1957. He became a school superintendent in 1959 in Weldon, N.C., and went on to serve as superintendent in county schools in Elizabeth City, N.C., and Monroe, N.C. After his

retirement in 1985, he taught for a few years at Wingate (N.C.) University.

**Betty Fonville Carpin** '46, May 23, Greenville. She was a retired social worker with the Greenville County Department of Social Services.

**Herman B. McManaway, Jr.** '46, April 29, Charlotte, N.C. After service in the U.S. Navy, he worked as an investment analyst until he entered banking in 1952. He went on to be president of the Young Bankers Division of the North Carolina Bankers Association. He started a small business investment corporation in 1962 but moved to the Ruddick Corp. in 1973, from which he retired in 1987 as chief financial officer. He served on the boards of the Charlotte Symphony and the Charlotte Opera.

**James Lewis Brown** '47, February 28, Simpsonville, S.C. He had retired after 57 years in the Baptist ministry.

**Jeanne Porter Major** '47, May 12, St. Petersburg, Fla.

**Margaret Kelly May** '47, March 28, Augusta, Ga. She was a private mathematics teacher for more than 30 years.

**Betty Lipscomb Hipp** '48, April 7, Greenwood, S.C.

**Peter Alexander Bybee** '49, May 1, Brevard, N.C. He was a U.S. Navy veteran and was retired as a store manager with JCPenney.

**Curtis Calvin Ward** '49, April 30, Greenville. He was in the U.S. Marine Corps during the Korean War, and during his service was a heavyweight boxing champion. He retired as a line transmission supervisor from Duke Power Company after 48 years. He was a member of the Masons, American Legion, Scottish Rite and Hejaz.



**Harry Campbell Hammond, Sr.** '50, March 9, Greenville. He was a veteran of the U.S. Army Air Corps and was retired from Harris Lanier Business Products.

**Talmadge Morse Crews, Sr.** '51, April 25, Laurens, S.C. He was a U.S. Marine Corps veteran of World War II and was a former employee of AT&T and Milliken before opening a telephone company. He served on the South Carolina Board of Mental Health and received the Order of the Palmetto, South Carolina's highest civilian honor.

**J. Faulton Hodge** '51, April 22, Rutherfordton, N.C. He was a rector of St. Mary's Episcopal Church in West Jefferson for 20 years.

**Herman McGolrick Kennickell, Jr.** '51, March 18, Asheville, N.C. He commanded minesweepers during World War II and served at Naval Reserve training centers after the war. Ordained to the Episcopal priesthood in 1953, he was a chaplain in the U.S. Navy and Air Force before retiring from the Air Force in 1964. He then served as parish priest at three churches in Virginia before retiring to Asheville in 1983, where he was active in prison ministry.

**Eugene Edward Edmondson** '53, March 19, Wilmington, N.C.

**Daisy Mann Davis** '54, December 25, Belvedere, S.C. She worked in public schools.

**Douglas Christopher Owens, Sr.** '56, May 23, Greer, S.C. He was a U.S. Army veteran and was a physician in the Greer community for 41 years.

**Alfred Joe Poole, Jr.** '56, May 9, Williamsburg, Va. He was a retired hospital chaplain with Southeastern Regional Medical Center in Lumberton, N.C. He served in the Army Corps of Engineers during the Korean War.

**Allen B. Craven** '57, March 3, Virginia Beach, Va. He was a veteran of the Korean and Vietnam wars, serving in the U.S. Marine Corps from 1948 to 1952 and the U.S. Navy from 1960 until retiring in 1976. He founded Navy Family Services, was a former president of the Virginia chapter of the American Association of Sex Educators, Counselors and Family Therapists, and served with the Maryview Hospital Employee Assistance Program.

**Jimmie Daniel Smith** '57, April 23, Greenville. He served in the U.S. Army and the Army Reserves and worked for 50 years in the car rental industry. He owned Thrifty Rent-A-Car in Greenville and retired from National Car Rental at Hartsfield International Airport in Atlanta.

**Eileen Muckenfuss Moseley** '58, April 22, Charleston, S.C. She taught school in the Orangeburg (S.C.) school system.

**Carol Jolene Broad** '61, April 23, Hanahan, S.C. She was a guidance counselor for Guilford County (N.C.) Schools and was active in Senior Olympics.

**Suzanne Law Hasher** '61 (M.A. '78), May 9, Greenville. She taught elementary music in Greenville County for 27 years and was named Teacher of the Year at Augusta Circle Elementary School in 1983. She also performed with the Greenville Little Theater.

**Martha Thomason Nolen** '61, May 25, Atlanta. She taught at Georgia Southern University for 20 years before retiring in 1999.

**Dale Alexander Roberts** '63, April 29, Spartanburg, S.C. He was retired from the music faculty of Converse College, where he taught oboe and music theory. For many years he was first oboist with the

Greater Spartanburg Philharmonic Orchestra. His hobby was steam locomotives; he wrote for *TIES* magazine and was a member of the National Historical Railway Society and the Southern Railway Historical Association.

**Robert Jefferson Wilson III** '64, March 16, Greenville. He was commission program coordinator for Greenville County.

**Clark J. Walden** '65, March 11, Hampton, Va. He retired as chief probation and parole officer for the State of Virginia, District 30, Hampton.

**Maca Lula Powell Hinton,** M.A. '66, April 8, Easley, S.C. She retired as a principal with Greenville County Schools after 35 years of service.

**Vivian McKinney Sanderson** '66, March 15, Greenville. She taught at Travelers Rest (S.C.) High School for 30 years. After her retirement, she continued teaching Lifelong Learning at Sullivan Center for five years.

**Jerry A. Howle** '67, May 15, Reno, Nev. He was a forensic psychiatrist who practiced in Reno for almost 30 years and often testified in prominent criminal cases. He was a member of the Nevada Sanity Commission, which examines the mental stability of criminals.

**James Ronald McKinney** '67, May 3, Anderson, S.C. He was the senior pastor at Big Oak Baptist Church and had pastored churches in South Carolina, Kentucky and Virginia. He also served on the board of directors of "All India Prayer Fellowship." He received the Outstanding Young Men of America Award in 1974.

**Ruth Folk Davidson** '68, May 18, Greer, S.C.

**Wilton Melvin Whitfield** '70, May 21, Greenville. He was a U.S. Air Force veteran and was a self-employed roofer.

**Stewart Broadus Simms, Sr.** '73 (honorary), May 9, Greer, S.C. He pastored churches in Texas, North Carolina and Virginia before becoming pastor of First Baptist Church of Greer, from which he retired in 1986. He was a member of the Executive Committee of the Southern Baptist Convention from 1967 to 1974 and first vice president of the convention in 1975. He was vice president of the South Carolina Baptist Convention in 1971 and president in 1972, and served on the General Board from 1985 to 1989. He was also moderator of the Greer Baptist Association.

**George T. Pizzi** '74, May 8, Easley, S.C. He retired from the U.S. Navy after 27 years of service. After attending seminary, he pastored churches in South Carolina, Virginia and Florida and later became a counselor at Geer Memorial Baptist Church in Easley.

**Donald L. Palmer** '81, April 23, Austin, Texas.

**Charles Blair Glennon, M.A.** '84, March 6, Monterey, Calif. He had been a lieutenant in the U.S. Public Health Service and was head of the mathematics department at Christ Church Episcopal School in Greenville before moving to Hawaii, where he taught at Seabury Hall in Makawao.

**Tamara Cundey Dunstan** '96, April 16, Augusta, Ga. She had been a registered nurse at University Hospital in Augusta.

**Mindy Haze Miller** '00, June 27, Atlanta. She was a director for Mary Kay, Inc., and had become an agent at the Miller Insurance Agency.

## High-tech know-how

*Metz's Optimus Solutions becoming information technology leader*

**B**obbing for pig's feet in a bucket of water in front of your professional colleagues may seem like a cruel practical joke instead of a motivational stunt.

But at Optimus Solutions, it's one of a number of tools borrowed from the "Fear Factor" reality-TV show that founder Mark Metz uses to get his people excited about working at the two Atlanta-area companies where he is chief executive: Optimus Solutions and its recent spin-off, Canvas Systems.

The motivational tools range from the repulsive, such as being made to drink an awful mixture concocted by a fellow employee, to the heavenly, which includes a one-year lease on a Porsche 911 for the top sales person. (Metz counts Porsche Cars North America as a client.)

Since founding Optimus Solutions in 1998 with three colleagues, Metz has built his enterprise into one of the largest IBM partners in the Southeast, with 300 employees. The company sells hardware and software made by IBM, Cisco, Hitachi and other high-tech powerhouses to big companies, while helping companies keep their computer systems running smoothly with maintenance and upgrades.

Optimus also sells the invaluable service known as "consulting," the hands-on assistance on how to install and make all the new technology work properly.

"We're not selling to mom-and-pop businesses. We're not selling PC's," says Metz, a 1985 Furman graduate.

He's also had to stay edgy in the area of employee relations: At 41 years of age, Metz is one of the oldest people on staff. He is even willing to avoid the spotlight and potential riches of Wall Street or a merger to keep his freedom.

"I do not ever want to go public, because I think that would ruin the unique environment that we have created," says Metz, who lives in Norcross with his wife and two children. "I guess I see that environment getting destroyed if we went public or were acquired. We want to stay private so that we continue to make the decisions."

The growth prospects that Metz forecasts, though, would probably catch the eye of Wall Street investment bankers. He believes Optimus will double its 2004 sales from last year, when it had revenue of about \$60 million.

Since his days as a competitive swimmer at Furman in the 1980s, Metz



*In 2001 Mark Metz made Georgia Trend magazine's annual "40 Under 40" list, which recognizes the state's rising stars in business, politics, education and the arts.*

has been thought of as someone who knew what he wanted to do, says an old college friend.

"Mark was the type of person that was successful at everything he did," says Alan Dumas '87, chief executive of Boston-based Accunet Solutions, an Optimus customer. "He always had a strong drive. There was never too much of a doubt that he'd be successful."

At Furman, Metz set five swimming records and qualified for the Olympic Trials in 1984 (and again in 1988) in breaststroke. He was an Academic All-American and was chosen Furman's Athlete of the Year in 1985.

He cites late swimming coach Howard Wheeler as one of the reasons he decided to attend Furman, rather than a larger school. "Furman's program and Howard's coaching style were a little less intense than at Florida or Auburn, and I thrived under that system," he says.

After graduation, Metz used his computing-business degree to land a job with the information technology department at Milliken & Co. in Spartanburg, S.C. His gig with the textile giant lasted less than a year before he moved to metro Atlanta to work for SunData, a now defunct IBM re-seller.

Disagreements with his boss, plus a desire to strike out on his own, led to Metz's departure from SunData, and he founded Optimus in a Gwinnett County hotel with three of his top managers in 1998.

Optimus Solutions specializes in tricky procedures, like moving all the computers, telephones and technology equipment for AGL Resources when the parent company of Atlanta Gas Light moved up the street to a new building. It was essential that the gas utility be able to move its offices without ever being completely shut off from its computer systems.

"Most companies can't take the risk of just shutting down and hope everything comes back up," says Metz, who counts among his customers a Who's Who of Atlanta's business elite: Coca-Cola Enterprises, Haverty's Furniture, SunTrust Banks.

Last year, Metz spun off a second company — a computer re-seller firm called Canvas Systems. The company, also located in Norcross, maintains \$20 million worth of rebuilt computer hardware on hand at all times, ready to ship at a moment's notice to corporate customers worldwide. Canvas is actually bigger than Optimus, with \$130 million in sales last year.

Oh, and there's one other incentive program for the super-elite among the sales team. Tom Bates, another Furman graduate (Class of '91), works for Canvas Systems. His reward for being the absolute top sales person? A year-long lease on a Ferrari.

— Andy Peters '92

*The author is the Atlanta bureau chief for The Macon Telegraph.*



# Be the change

**We** are members of a fortunate group that has been given the chance to better ourselves through higher education. It is our opportunity and our responsibility to use our knowledge and experience to better our world.

I know that it's difficult for us to imagine that a single one of us could possibly change the world. However, let us not forget how many great individuals before us have done so. As students here, we have changed this institution . . . We have left tangible legacies, and we have touched people. We have changed lives. We have left our impression on faculty and staff — and on each other.

Some of you may be unconvinced of the power each of us possesses. You may be asking yourselves, "How can one person out of billions on the planet change the course of history?" Though it seems improbable, history provides us with innumerable examples to show that the unlikely happens more than we think.

In 1963, Martin Luther King, Jr., combined big dreams and a small group of determined civil rights leaders to rally a quarter of a million people to march on Washington and lobby for justice. Charles Townes, a Furman graduate, used his talents to develop the laser, which has become an integral part of our everyday lives. The film "Erin Brockovich" tells the story of a woman who is just an unemployed single mother — until she stumbles upon a major company that was knowingly poisoning innocent people. In a few short months, she went from unknown single mom to leader of one of the largest class action suits in U.S. history.

People such as these have been blazing trails throughout the ages in all corners of the world. Just think, sometime before we were old enough to think about applying to Furman, some bold student sacrificed a day of educational enrichment to go to the beach, thus changing Furman forever by beginning the wonderful tradition we call Beach Weekend.

There is no doubt that one person can make a significant impact on society. The only things

separating the historical innovators that I mentioned and any person in this class are passion and desire. Gandhi once said, "You must be the change you wish to see in the world." I ask you: Are you willing to be the change?

Is there a health and exercise science major who is willing to be the change? One who will meet with principals, school boards and congressmen and help them to understand that physical education in our schools is invaluable? Is there a sociology major who is willing to be the change? Someone who will write letters, make phone calls and knock on door after door until improvements are made in our nation's foster care system?

Or is there a business major who is willing to be the change, who will go out on a limb, actually look past dollar signs and assess the needs of every employee, from the CEO to the building custodian? I stand here daring each and every one of you to be the change you wish to see in our world!

We leave this place unaware of how many or what kind of changes are in our future, or what challenges they will bring. In a few simple words Maya Angelou expresses an idea which exemplifies the philosophy we should adopt as we prepare to face the world: "If you don't like something, change it. If you cannot change it, change your attitude. Don't complain."

Fellow graduates, understand and know that from this moment forward it is truly our opportunity and more importantly our responsibility to make a change!

*An excerpt from the 2004 Commencement address by Jamie Forsh, a health and exercise science major from Douglasville, Ga. She was chosen to give the speech by the John H. Crabtree Student Commencement Speaker Selection Committee. A dean's list student, she was elected to Senior Order and Who's Who Among Students in American Universities and Colleges. She is pursuing a master's degree in physical therapy at the Medical University of Georgia.*









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## Inside



A Furman project is putting basic scientific theories to the test.

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Rugby's popularity as a Furman club sport is matched by its success.

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